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New Jersey
Health Statistics
1984

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

New Jersey
Health Statistics
1984

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NEW JERSEY HEALTH STATISTICS
1984

INTRODUCTION

Health Statistics is one of 12 Volumes in the Department of Health's Data Handbook series. The scope and coverage of Health Statistics currently includes highlights, historical perspective, natality, mortality, marriages, divorces, morbidity, accidents, fertility, abortions, population, and vital statistics gross summary. A section of technical notes is included that explains statistical methods used and data limitations; a list of definitions and a description of Rates, Ratios, Proportions and Indices are also covered.

Only State and County statistics are presented with selected municipality (MCD) data if appropriate because of size limitations. A new section on Vital Statistics Gross Summary presents Municipality data for population, births, deaths and marriages. Additional Vital Statistics at the MCD level are available for inspection and use in the Trenton central offices of the Department. Copies of specific MCD information have been supplied to local Health Officers and both County and MCD information have been placed in the NJ/DOH Northern and Southern regional offices.

Births, deaths, marriages, and fetal deaths, ocurring in 1984 are statistics presented in this Volume. They were obtained from Certificates filed with the State Registrar prior to August 1, 1985. Through a reciprocal arrangement between states, copies of birth, death, and fetal death certificates involving out-of-state occurrences are interchanged. Thus, the resident birth, death and fetal death rates shown in the report include all events involving residents of the State of New Jersey irrespective of place of occurrence. Marriage statistics, however, are treated differently. A tabulation is made of all marriages occurring within the State irrespective of the residence of either party. Copies of marriage certificates are not interchanged between states as such a procedure would prove impractical (see Technical Notes).

The Tuberculosis Control, Sexually Transmitted Disease, and the Communicable Disease Control programs are responsible, by law, for maintaining confidential files on "reportable diseases." Statistics maintained are tabulated by the Center for Health Statistics annually and are included in the report in order to allow the user to develop a more complete profile of health of the residents of the State.

The newly formed AIDS unit is presently developing a data base file which will eventually contain all identified AID cases within the State. Comparable statistics on the number of reported cases within New Jersey or by state of residence are not available at this time. Health Statistics for 1985 will contain historic and current data. All requests for statistics related to AIDS should be directed to the New Jersey AIDS program.

Morbidity data as related to hospitalization were obtained from Patient Discharge Abstract Summaries. Discharge Abstracts are submitted to the Department quarterly for use in the Hospital Case-Mix and Diagnosis Related Groups programs. Discharge Abstracts are received for all patients upon hospital discharge regardless of the patient's dispostion or place of residency. Accident reporting is derived from the Death Certificates and is presented in two parts. The first comprises aggregated Accident Deaths related only to New Jersey residents and the second presents a detailed statistical listing of all deaths occurring within the State regardless of place of residency by category and type.

The Office of Demographic and Economic Analysis, Department of Labor, is assigned responsibility by the Governor of the State to provide Official State Annual Estimates of Population for all 567 municipalities and 21 counties. These estimates are periodically revised to reflect the latest information available with respect to births, deaths and migration. The revised July 1, 1983 estimates, released in September 1985 were used in developing the Vital Statistics rates shown in this report. All rates for prior years were recalculated based on the Revised Population estimates. Age, sex and race specific estimates for 1984 were developed by the Center for Health Statistics, based on the "Proportionate Share Techniques" using the 1980 census data controlled to the July 1, 1983 revised estimates. The age, sex, and race data shown in this report are to be considered as crude estimates and should only be used for statistical purposes. The population for 1984 was assumed to have the same age, sex, and race distribution as existed in the 1980's based on Census counts.

Back issues of the Health Statistics for 1979 through 1983 are available as long as supplies last and can be obtained by written request to the Center for Health Statistics. Vital Statistics data and reports for the periods 1877 through 1983 are maintained as Reference by the N.J. State Library, the New Jersey Department of Health Library, and the Center for Health Statistics. Inquiries regarding the contents of this report or information concerning other Volumes in the New Jersey Health Data Handbook series should be addressed to:

NJ Department of Health
Center for Health Statistics
Room 405 -- CN 360
Trenton, New Jersey 08625

How to Use This Report

Overview

The purpose of the New Jersey Health Statistics Annual Report is to provide in health data related to vital statistics that are compiled and maintained by the New Jersey Department of Health. The Annual Report is divided into four sections and designed to serve as a Vital Statistics reference document for 1984 data. Only those data that are most requested have been included in this document. Additional information is available through the Center for Health Statistics, New Jersey Department of Health. The user of this Annual Report is advised that the data herewith contained is for the calendar year 1984 and is subject ot change if corrections or additional information becomes available.

Page Numbering System

For quick identification and easy access, each section of the report has been given a number. A "TAB" page numbering system has also been used so that the user can rapidly locate subdivisions within each section. All major categories within Section I have been cross-indexed and included in Section IV--Index. All sections and subdivisions have been printed on yellow paper for easy location.

Additions and Revisions

The report has been developed in "loose-leaf" format to permit additions and revisions. All holders of the report registered with the Center for Health Statistics will automatically receive copies of revisions and/or additions when released. If a three-ring binder has not been supplied, the holder is advised to place the document in a three-ring binder. All pages have been "three-hole" punched. All sections can be located by determining the TAB page in the Table of Contents and then flipping through the document to find the appropriate location. To register, please complete and supply to the Center for Health Statistics the following information:

REGISTRATION INFORMATION

NEW JERSEY HEALTH STATISTICS
REGISTRATION

NAME: ______________________________

ORGANIZATION: ______________________________

STREET: ______________________________

CITY: ______________________________

STATE: ______________ ZIP ______________

TELEPHONE: ______________________________

TAB A

Highlights
1984

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Highlights
1984

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-----------------NOTE-----------------

This HIGHLIGHTS--Summary Report presents an overview of the 1984 HEALTH STATISTICS REPORT. HIGHLIGHTS has been prepared containing data for state, county and selected places of residence. The 1984 HEALTH STATISTICS REPORT in its new expanded format provides detailed data on each of the major health categories in the Vital Statistics area. If you desire additional information concerning the NJ/Health Statistics provided in this Report, please address your inquiries to:

Center for Health Statistics
New Jersey Department of Health
CN 360
Trenton, New Jersey 08625

NEW JERSEY HEALTH STATISTICS

HIGHLIGHTS

1984

POPULATION

New Jersey reached a 1980 population total of 7,364,823 persons ranking it 9th in the nation. With an average of 986.2 persons per square mile it continued to retain its position as the most densely populated of the states. The 1980 Census indicated that New Jersey's population continues to remain relatively young with the median age at 32.2, slightly higher than the U.S. level of 30.1. The percentage of population 65 and older increased between 1970 and 1980 at a rate of 2 ½ times the national figure--a rate of growth exceeded in only four states. Projections indicate a continued increase in the percentage of older population in the State. The July 1, 1984 revised estimate of 7,515,000 indicated only a slight increase in population growth for the State as a whole with a total increase of 150,000 since the 1980 census. The 1983 revised estimate is 7,464,000.

INCOME

New Jersey's per capita personal income of $15,440 for 1984 was 21% higher than the national level of $12,789 and ranked New Jersey 3rd among the states, up from a rank of 6th in 1983. Nine percent of New Jersey families are below poverty level, placing New Jersey 44th among the states. Per capita disposable personal income has progressively increased since the Census and by 1984 has reached the level of $13,179 (compared to $10,951 for the U.S.).

MARRIAGE/DIVORCE

The State's marriage rate has continually fluctuated annually since 1946 and has moved upward again to reach its highest point since the WW-II level. The divorce rate on the other hand has shown a steady decline. For every 100 marriages performed in New Jersey in 1984, 45.4 divorces were granted, a ratio of 2 to 1.

...Low Birth Weight

The incidence of low birth weight babies in New Jersey decreased slightly from the 1983 level of 7.1% to 7.0% in 1984. The incidence in the State remains slightly higher than nationally, and is highest for younger and older women and lowest for women between the ages of 25 to 34.

...Multiple Births

There were 2,179 live births in multiple deliveries. Of these, 2,124 (97.5%) were twins with 55 (2.5%) being triplets and others.

MORTALITY

New Jersey with an older population age structure than the U.S., has a crude death rate above the national figures; age adjustment of the rates reveal a mortality closer to that experienced nationally. The New Jersey crude mortality rate per 1,000 population for 1984 was 9.2 (U.S. rate 8.7). Total deaths in New Jersey registered 68,944, an increase of 318 over the 1983 level of 68,626.

...Life Expectancy

The expectation of life at birth reached a new U.S. high in 1983 (and remained at that level in 1984)--an estimated 74.7 years for the total population. Life expectancy at birth for New Jersey residents was at 74.0 (in 1980) and New Jersey was the 23rd State when ranked on this indicator. Life expectancy for New Jersey females is 77.4, while males have an expectancy of 70.5 years (based on 1980 information).

...Leading Causes

Heart disease, cancer, cerebrovascular diseases, and accidents continue for 1983 to be the leading causes of death in New Jersey. Mortality from heart disease and cancer is higher in New Jersey than nationally, but the accident rate is 12.2% lower compared to the national level. (US = 40.1 NJ = 27.9). Overall, mortality in the State decreased in 1984 for heart disease, chronic liver disease and cirrhosis, cerebrovascular diseases and accidents, while increasing for cancer (very slightly from 221.6 to 221.7), influenza/pneumonia, and suicide. Accidents were the leading cause of death for those between the ages of 1 to 24. Suicide and homicide ranked next as causes of death for those between 15 to 24 years of age.

ABORTION

A total of 31,236 New Jersey resident women obtained legal induced abortions in 1984, a 26.4% increase since 1983. Of those obtaining abortions 26.1% were under 20 years of age, and 55.7% were in the 20-29 year group. Three-fourths (75.5%) were unmarried, 53.1 had no living children, while 57.0 had no previous abortions, and 51.4% obtained the abortion prior to the 9th week of gestation.

BIRTHS

New Jersey experienced an increasing birth rate between 1976 and 1984 and currently ranks 46th lowest birth rate per 1,000 people among the states. The national rate for 1984 was recorded at 15.7%. The New Jersey rate was 13.4 or 22% below the national level. Resident births in the State were recorded at 100,950 and were at the highest level since 1972. The 1984 level represented an increase of 2.2 percent over 1983.

...Age of Mother

Births were higher in New Jersey for all women over the 1983 level. Women in their teens show a decrease of 575 or 5.3% while the 20-34 showed an increase of 2,113 births or 2.6% and women 35+ showed an increase of 642 births or 9.1%.

...Live Birth Order

Thirty-three percent of births to New Jersey residents were first order births. The general long-term trend has been toward a greater percentage of higher order births in the State.

...Births to Unwed Mothers

A level of 22.2% of all live births in New Jersey during 1984 were to unwed mothers. The ratio of births to unwed mothers is highest for teenagers. It is for mothers in the age group of 20 and older that the ratio in New Jersey exceeds the national level.

INFANT MORTALITY

In 1984, infant deaths reported at 1,090 dropped by 25 from the 1983 level of 1,115. The 1984 infant mortality rate of 10.8 per 1,000 births was also down from the 1983 rate of 11.3. Both the neonatal death rate and infant death rate have been on a downward trend since the Department started collecting statistics in 1879. The year 1984 was no exception, showing a further decrease and a lower rate per 1,000 births in the total number of infant deaths reported.

MATERNAL MORTALITY

New Jersey's maternal mortality rate has consistently been lower than the U.S. maternal mortality rate, but it is fluctuating. In 1984 an increase over 1983's number of 5 deaths was observed in maternal mortality which reached a level of 11 (the same level as in 1982).

FETAL MORTALITY

A total of 1,062 resident fetal deaths were reported in 1984. The 1984 level was the highest since 1977. The State's fetal death rate, however, has consistently been dropping over the last fifty years and for 1984 was at the rate of 10.5 (up from 8.5 in 1983).

COMMUNICABLE DISEASES:

...Gonorrhea

The number of reported cases in the State decreased from the 1983 level of 22,075 to 20,101 in 1984. A drop of 1,974 cases (or 8.9%).

...Syphilis

New Jersey's case rate for all stages of syphilis has decreased from 28.1 cases per 100,000 population in 1983 to 26.5 in 1984.

...Tuberculosis

The State's incidence for tuberculosis has increased slightly from 891 cases in 1983 to 935 in 1984 (or 4.9%). Clinically active cases decreased during the same period from 809 to 790 cases (or 2.4%).

...Other

In 1984, 23 cases of rubella were reported increasing significantly from 3 cases reported in 1983. Hepatitis Type A increased by 20.2% from 546 to 656 cases, while Type B decreased (by 10.4%). After a minor outbreak of measles in 1981 (61 cases) the number reported dropped to 18 in 1982 to 3 in 1983, and rose slightly to 7 in 1984.

ACCIDENTS

Total accidental deaths by occurrence in New Jersey in 1984 continued to drop and reach their lowest recorded level since 1970, recording 2,265 deaths. Motor Vehicle accidents remained as the major cause, accounting for almost one-half of all accident deaths in each of the years. Motor Vehicle deaths decreased from 1983 with pedestrians accounting for one-fourth of all motor vehicle deaths. Falls and fires accounted for almost two-thirds of the "In-home" category. Drownings and falls responsible accounted for almost one-half of the Nonmotor Vehicle deaths that occurred outside the home. The 1984 ranking of residential deaths by class of accident in any location or specific setting was: motor vehicle, falls, fires, drownings, and poisonings.

TABLE-1

NEW JERSEY
RESIDENT BIRTHS, MARRIAGES (BY OCCURRENCE), DEATHS
RATES PER 1,000 POPULATION
1984

PLACE OF RESIDENCE	BIRTHS		MARRIAGES		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	100,950	13.4	62,654	8.3	68,944	9.2
ATLANTIC COUNTY	2,984	14.9	1,918	9.5	2,392	11.9
Atlantic City	678	18.5	424	11.6	766	20.9
BERGEN COUNTY	9,085	10.8	6,917	8.2	7,669	9.1
BURLINGTON COUNTY	4,831	12.9	3,065	8.1	2,677	7.1
CAMDEN COUNTY	7,805	16.1	3,537	7.3	4,312	8.9
Camden City	2,162	26.0	603	7.3	861	10.4
Cherry Hill Twp.	667	9.6	586	8.4	546	7.8
Gloucester Twp.	710	14.5	204	4.2	259	5.3
CAPE MAY COUNTY	1,159	13.0	852	9.6	1,102	12.4
CUMBERLAND COUNTY	2,062	15.4	1,034	7.7	1,256	9.4
Vineland City	774	14.5	356	6.7	458	8.6
ESSEX COUNTY	11,904	14.1	7,591	9.0	8,139	9.7
Bloomfield	538	11.3	271	5.7	547	11.5
East Orange	1,352	17.5	667	8.6	769	10.0
Irvington	1,005	16.1	406	6.5	659	10.5
Newark	5,486	17.2	2,673	8.4	2,927	9.2
GLOUCESTER COUNTY	2,988	14.5	1,594	7.8	1,661	8.1
HUDSON COUNTY	8,278	14.8	5,184	9.3	5,826	10.4
Bayonne	716	11.2	511	8.0	867	13.6
Hoboken	500	12.0	284	6.8	360	8.6
Jersey City	3,944	17.7	2,078	9.3	2,423	10.9
North Bergen Twp.	560	11.9	307	6.5	547	11.6
Union City	916	16.2	745	13.2	442	7.8
HUNTERDON COUNTY	1,194	13.0	760	8.3	615	6.7
MERCER COUNTY	4,375	13.9	2,590	8.2	2,791	8.9
Hamilton Twp.	1,068	12.6	703	8.3	712	8.4
Trenton	1,853	20.1	771	8.4	1,096	11.9
MIDDLESEX COUNTY	7,927	12.8	4,932	8.0	4,690	7.6
Edison Twp.	1,038	13.6	421	5.5	556	7.3
New Brunswick	583	14.4	840	20.7	299	7.4
Old Bridge Twp.	569	10.5	363	6.7	305	5.6
Piscataway Twp.	560	12.9	282	6.5	189	4.4
Woodbridge Twp.	1,037	11.1	615	6.6	737	7.9
MONMOUTH COUNTY	6,669	12.8	4,407	8.4	5,032	9.6
Middletown Twp.	775	11.6	454	6.8	515	7.7
MORRIS COUNTY	5,074	12.2	3,453	8.3	2,934	7.0
Parsippany-Troy Hills	601	12.0	340	6.8	248	4.9
OCEAN COUNTY	4,787	12.9	2,532	6.8	4,881	13.1
Brick Twp.	762	13.2	356	6.2	574	9.9
Dover Twp.	852	12.5	608	8.9	932	13.6
PASSAIC COUNTY	6,739	14.7	4,126	9.0	4,176	9.1
Clifton	746	9.8	504	6.6	858	11.3
Passaic City	1,062	19.7	521	9.7	553	10.3
Paterson	2,832	20.3	1,467	10.5	1,230	8.8
Wayne Twp.	418	8.7	413	8.6	338	7.0
SALEM COUNTY	868	13.2	426	6.5	600	9.1
SOMERSET COUNTY	2,509	12.0	1,749	8.4	1,514	7.2
SUSSEX COUNTY	1,832	15.4	873	7.3	802	6.7
UNION COUNTY	6,141	12.1	4,277	8.4	5,002	9.9
Elizabeth	1,691	15.7	1,093	10.2	1,128	10.5
Plainfield	819	17.7	419	9.1	371	8.0
Union Twp.	439	8.6	345	6.8	656	12.9
WARREN COUNTY	1,139	13.3	657	7.7	854	10.0
STATE INSTITUTIONS	11		9		7	
MILITARY POSTS	589		171		12	

TABLE-2

NEW JERSEY
RESIDENT BIRTHS BY SEX, RACE, LEGITIMACY
1984

PLACE OF RESIDENCE	Total	SEX		RACE				LEGITIMACY		
		Male	Female	White	Black	Other	Unknown	Legitimate	Illegitimate	Unknown
STATE TOTAL	100,950	51,500	49,448	77,912	18,682	2,434	1,922	78,445	22,437	68
ATLANTIC COUNTY	2,984	1,511	1,473	2,178	753	50	3	2,002	981	1
Atlantic City	678	355	323	232	432	13	1	216	462	
BERGEN COUNTY	9,085	4,674	4,410	7,546	431	402	706	8,520	555	10
BURLINGTON COUNTY	4,831	2,449	2,382	4,052	676	97	6	4,064	767	
CAMDEN COUNTY	7,805	3,911	3,894	6,069	1,606	129	1	5,484	2,321	
Camden City	2,162	1,110	1,052	902	1,228	32		638	1,524	
Cherry Hill Twp.	667	337	330	610	17	40		634	33	
Gloucester Twp.	710	341	369	652	50	8		623	87	
CAPE MAY COUNTY	1,159	585	574	1,058	90	10	1	933	224	2
CUMBERLAND COUNTY	2,062	1,067	995	1,586	461	14	1	1,244	818	
Vineland City	774	397	377	675	92	6	1	502	272	
ESSEX COUNTY	11,904	6,074	5,830	5,541	5,996	192	175	6,687	5,215	2
Bloomfield	538	291	247	487	21	21	9	503	35	
East Orange	1,352	698	654	93	1,240	12	7	550	802	
Irvington	1,005	497	508	290	682	22	11	542	463	
Newark	5,486	2,817	2,669	2,015	3,401	44	26	2,020	3,465	1
GLOUCESTER COUNTY	2,988	1,525	1,463	2,652	317	18	1	2,436	550	2
HUDSON COUNTY	8,278	4,212	4,066	5,698	1,822	411	347	5,832	2,435	11
Bayonne	716	388	328	618	49	13	36	629	87	
Hoboken	500	249	251	326	113	19	42	324	174	2
Jersey City	3,944	1,962	1,982	2,021	1,533	272	118	2,283	1,658	3
North Bergen Twp.	560	285	275	495	12	28	25	496	60	4
Union City	916	450	466	762	78	32	44	680	235	1
HUNTERDON COUNTY	1,194	589	605	1,171	9	11	3	1,113	81	
MERCER COUNTY	4,375	2,211	2,164	3,024	1,217	119	15	3,023	1,349	3
Hamilton Twp.	1,068	552	516	954	77	37		935	131	2
Trenton	1,853	947	906	836	998	14	5	767	1,085	1
MIDDLESEX COUNTY	7,927	4,103	3,824	6,776	699	318	134	6,907	1,016	4
Edison Twp.	1,038	545	493	869	45	96	28	968	70	
New Brunswick	583	295	288	307	268	8		324	259	
Old Bridge Twp.	569	280	289	528	15	14	12	528	41	
Piscataway Twp.	560	287	273	400	94	52	14	495	65	
Woodbridge Twp.	1,037	529	508	944	37	30	26	972	65	
MONMOUTH COUNTY	6,669	3,398	3,271	5,650	800	84	135	5,563	1,095	11
Middletown Twp.	775	396	379	738	13	9	15	728	46	1
MORRIS COUNTY	5,074	2,596	2,478	4,666	148	177	83	4,745	325	4
Parsippany-Troy Hills	601	303	298	526	13	50	12	574	26	1
OCEAN COUNTY	4,787	2,439	2,348	4,417	223	30	117	4,113	670	4
Brick Twp.	762	391	371	745	6	6	5	687	75	
Dover Twp.	852	447	405	833	13	4	2	748	103	1
PASSAIC COUNTY	6,739	3,496	3,243	5,172	1,413	96	58	4,810	1,922	7
Clifton	746	363	383	707	14	17	8	704	42	
Passaic City	1,062	552	510	688	346	26	2	650	412	
Paterson	2,832	1,460	1,372	1,765	1,023	30	14	1,489	1,338	5
Wayne Twp.	418	239	179	397	2	5	14	403	15	
SALEM COUNTY	868	445	423	669	186	10	3	627	241	
SOMERSET COUNTY	2,509	1,287	1,222	2,219	188	77	25	2,261	248	
SUSSEX COUNTY	1,832	913	919	1,800	8	11	13	1,672	158	2
UNION COUNTY	6,141	3,082	3,058	4,450	1,468	135	88	4,858	1,280	3
Elizabeth	1,691	876	814	1,223	417	45	6	1,146	544	1
Plainfield	819	394	425	241	559	12	7	457	361	1
Union Twp.	439	212	227	373	53	9	4	402	37	
WARREN COUNTY	1,139	603	536	1,116	12	7	4	994	143	2
STATE INSTITUTIONS	11	4	7	3	7		1	1	10	
MILITARY POSTS	589	326	263	399	152	36	2	556	33	

Note: Total includes 2 births sex unknown. (Bergen and Union Counties).

TABLE-3

RESIDENT BIRTHS BY MATURITY, COUNTIES AND SELECTED PLACES
NEW JERSEY: 1984

Place of Residence	TOTAL	2,500 Grams or Less	2,501 Grams Or More	Weight Unknown
STATE TOTAL	100,950	6,926	92,168	1,856
ATLANTIC COUNTY	2,984	214	2,766	4
Atlantic City	678	81	596	1
BERGEN COUNTY	9,085	419	7,988	678
BURLINGTON COUNTY	4,831	300	4,519	12
CAMDEN COUNTY	7,805	614	7,186	5
Camden City	2,162	277	1,885	
Cherry Hill Twp.	667	36	631	
Gloucester Twp.	710	30	680	
CAPE MAY COUNTY	1,159	69	1,084	6
CUMBERLAND COUNTY	2,062	160	1,902	
Vineland City	774	51	723	
ESSEX COUNTY	11,904	1,150	10,585	169
Bloomfield	538	20	509	9
East Orange	1,352	163	1,183	6
Irvington	1,005	106	888	11
Newark	5,486	655	4,807	24
GLOUCESTER COUNTY	2,988	173	2,811	4
HUDSON COUNTY	8,278	661	7,269	348
Bayonne	716	44	637	35
Hoboken	500	40	418	42
Jersey City	3,944	389	3,437	118
North Bergen Twp.	560	34	501	25
Union City	916	66	806	44
HUNTERDON COUNTY	1,194	47	1,141	6
MERCER COUNTY	4,375	327	4,033	15
Hamilton Twp.	1,068	58	1,009	1
Trenton	1,853	195	1,654	4
MIDDLESEX COUNTY	7,927	505	7,293	129
Edison Twp.	1,038	61	949	28
New Brunswick	583	70	513	
Old Bridge Twp.	569	35	522	12
Piscataway Twp.	560	42	504	14
Woodbridge Twp.	1,037	55	961	21
MONMOUTH COUNTY	6,669	416	6,116	137
Middletown Twp.	775	36	722	17
MORRIS COUNTY	5,074	266	4,763	45
Parsippany-Troy Hills	601	31	565	5
OCEAN COUNTY	4,787	254	4,413	120
Brick Twp.	762	41	715	6
Dover Twp.	852	35	814	3
PASSAIC COUNTY	6,739	531	6,151	57
Clifton	746	30	708	8
Passaic City	1,062	92	968	2
Paterson	2,832	284	2,532	16
Wayne Twp.	418	25	379	14
SALEM COUNTY	868	59	807	2
SOMERSET COUNTY	2,509	127	2,363	19
SUSSEX COUNTY	1,832	99	1,721	12
UNION COUNTY	6,141	431	5,629	81
Elizabeth	1,691	151	1,535	5
Plainfield	819	92	720	7
Union Twp.	439	25	410	4
WARREN COUNTY	1,139	65	1,070	4
STATE INSTITUTIONS	11	2	9	
MILITARY POSTS	589	37	549	3

TABLE-4

RESIDENT BIRTHS BY AGE OF MOTHER, COUNTIES AND SELECTED PLACES
NEW JERSEY: 1984

PLACE OF RESIDENCE	TOTAL	Age of Mother							
		16	16	17	18	19	20-34	35+	Unkn.
STATE TOTAL	100,950	850	1,196	1,857	2,779	3,612	82,536	8,099	21
ATLANTIC COUNTY	2,984	38	61	79	123	166	2,349	166	2
Atlantic City	678	21	29	35	47	68	452	25	1
BERGEN COUNTY	9,085	15	19	28	66	112	7,797	1,048	
BURLINGTON COUNTY	4,831	21	43	76	139	161	4,050	340	1
CAMDEN COUNTY	7,805	90	129	206	244	370	6,316	449	1
Camden City	2,162	78	93	138	151	172	1,468	62	
Cherry Hill Twp.	667		2	2	6	11	565	81	
Gloucester Twp.	710	1	5	5	9	17	635	38	
CAPE MAY COUNTY	1,159	7	11	16	32	48	982	62	1
CUMBERLAND COUNTY	2,062	46	65	80	102	148	1,539	82	
Vineland City	774	14	17	29	37	47	589	41	
ESSEX COUNTY	11,904	198	268	420	533	634	8,887	964	
Bloomfield	538		2	3	3	6	458	66	
East Orange	1,352	21	31	70	68	100	967	95	
Irvington	1,005	12	26	27	55	52	756	77	
Newark	5,486	149	196	279	361	414	3,820	267	
GLOUCESTER COUNTY	2,988	18	25	62	79	100	2,533	171	
HUDSON COUNTY	8,278	97	116	184	304	353	6,560	661	3
Bayonne	716	10	4	11	10	16	620	45	
Hoboken	500	6	11	17	29	23	368	46	
Jersey City	3,944	69	80	122	195	205	2,975	295	3
North Bergen Twp.	560	1	2	3	11	10	494	39	
Union City	916	7	14	18	28	40	714	95	
HUNTERDON COUNTY	1,194		6	7	8	17	1,032	124	
MERCER COUNTY	4,375	66	77	106	153	187	3,475	310	1
Hamilton Twp.	1,068	1	8	6	17	30	939	67	
Trenton	1,853	63	62	89	124	144	1,300	70	1
MIDDLESEX COUNTY	7,927	24	46	89	142	195	6,790	638	3
Edison Twp.	1,038	1	3	5	8	19	902	100	
New Brunswick	583	10	15	14	24	29	462	29	
Old Bridge Twp.	569	2	2	2	12	12	510	29	
Piscataway Twp.	560	1	3	2	10	9	485	50	
Woodbridge Twp.	1,037	1	2	5	14	20	919	75	1
MONMOUTH COUNTY	6,669	48	54	88	145	194	5,519	619	2
Middletown Twp.	775		2	8	6	14	677	68	
MORRIS COUNTY	5,074	5	11	21	43	68	4,364	561	1
Parsippany-Troy Hills	601		1	1	8	4	533	54	
OCEAN COUNTY	4,787	24	35	64	123	164	4,044	332	1
Brick Twp.	762	4	2	5	17	26	676	32	
Dover Twp.	852	3	5	11	22	15	716	80	
PASSAIC COUNTY	6,739	92	124	174	251	316	5,313	469	
Clifton	746	1	1	4	6	14	662	58	
Passaic City	1,062	19	17	40	54	67	807	58	
Paterson	2,832	71	99	118	170	202	2,016	156	
Wayne Twp.	418		1		4	5	348	60	
SALEM COUNTY	868	9	15	17	35	45	718	28	1
SOMERSET COUNTY	2,509	5	9	19	37	44	2,146	249	
SUSSEX COUNTY	1,832	3	2	10	29	28	1,602	158	
UNION COUNTY	6,141	34	70	99	154	183	5,024	574	3
Elizabeth	1,691	15	36	35	61	74	1,356	114	
Plainfield	819	11	16	28	39	46	625	53	1
Union Twp.	439		1	2	8	5	391	32	
WARREN COUNTY	1,139	7	8	10	29	50	958	76	1
STATE INSTITUTIONS	11	1					8	2	
MILITARY POSTS	589	2	2	2	8	29	530	16	

TABLE-5

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1984

		WOMEN				MEN				AVERAGE AGE	
PLACE OF MARRIAGE	Total	Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	62,654	46,309	1,897	14,300	148	44,979	1,948	15,565	162	27	30
ATLANTIC COUNTY	1,918	1,355	67	494	2	1,302	62	546	8	28	31
Atlantic City	424	311	16	96	1	306	20	97	1	28	31
BERGEN COUNTY	6,917	5,222	192	1,478	25	5,022	212	1,656	27	28	30
BURLINGTON COUNTY	3,065	2,184	89	788	4	2,146	92	822	5	27	29
CAMDEN COUNTY	3,537	2,583	108	844	2	2,556	132	844	5	27	30
Camden City	603	467	16	120	0	449	23	131	0	28	31
Cherry Hill Twp.	586	434	16	136	0	422	21	141	2	27	30
Gloucester Twp.	204	131	9	64	0	140	10	53	1	28	30
CAPE MAY COUNTY	852	570	36	245	1	569	38	241	4	28	31
CUMBERLAND COUNTY	1,034	726	38	269	1	703	31	299	1	26	29
Vineland City	356	265	9	82	0	248	8	100	0	26	29
ESSEX COUNTY	7,591	5,969	210	1,397	15	5,742	219	1,610	20	28	30
Bloomfield	271	205	14	51	1	202	10	58	1	28	30
East Orange	667	517	23	127	0	504	22	140	1	28	30
Irvington	406	310	10	85	1	293	11	101	1	28	31
Newark	2,673	2,107	77	487	2	2,073	78	515	7	28	30
GLOUCESTER COUNTY	1,594	1,134	59	398	3	1,091	55	447	1	27	29
HUDSON COUNTY	5,184	3,974	126	1,073	11	3,869	110	1,194	11	27	30
Bayonne	511	402	11	98	0	395	10	106	0	27	29
Hoboken	284	222	4	58	0	224	5	55	0	27	29
Jersey City	2,078	1,631	58	386	3	1,586	41	444	7	28	30
North Bergen Twp.	307	206	7	93	1	193	11	103	0	29	31
Union City	745	555	14	174	2	556	11	177	1	27	29
HUNTERDON COUNTY	760	531	24	202	3	510	20	230	0	27	30
MERCER COUNTY	2,590	1,893	68	620	9	1,839	84	660	7	28	30
Hamilton Twp.	703	497	22	181	3	490	20	192	1	27	29
Trenton	771	594	15	159	3	577	21	172	1	27	30
MIDDLESEX COUNTY	4,932	3,661	122	1,124	25	3,579	126	1,213	14	27	29
Edison Twp.	421	310	11	98	2	303	11	105	2	27	30
New Brunswick	840	661	14	164	1	621	15	202	2	27	30
Old Bridge Twp.	363	268	12	80	3	276	17	69	1	26	29
Piscataway Twp.	282	192	8	80	2	195	6	78	3	28	30
Woodbridge Twp.	615	453	18	140	4	458	16	139	2	27	29
MONMOUTH COUNTY	4,407	3,202	127	1,065	13	3,066	151	1,172	18	27	30
Middletown Twp.	454	331	12	111	0	331	11	109	3	27	29
MORRIS COUNTY	3,453	2,534	101	812	6	2,464	102	877	10	27	30
Parsippany-Troy Hills	340	239	13	88	0	237	10	92	1	28	31
OCEAN COUNTY	2,532	1,705	154	669	4	1,674	151	704	3	28	31
Brick Twp.	356	238	14	104	0	240	13	103	0	28	30
Dover Twp.	608	417	30	161	0	405	28	174	1	28	31
PASSAIC COUNTY	4,126	3,105	130	883	8	3,047	112	959	8	27	30
Clifton	504	380	19	104	1	370	23	110	1	28	31
Passaic City	521	376	15	128	2	388	12	119	2	28	30
Paterson	1,467	1,129	36	300	2	1,114	26	326	1	27	29
Wayne Twp.	413	305	16	90	2	282	11	119	1	28	30
SALEM COUNTY	426	306	7	113	0	294	12	119	1	26	29
SOMERSET COUNTY	1,749	1,278	39	428	4	1,221	53	471	4	27	30
SUSSEX COUNTY	873	570	38	262	3	564	30	279	0	27	31
UNION COUNTY	4,277	3,211	135	923	8	3,132	135	997	13	28	30
Elizabeth	1,093	820	34	239	0	828	26	236	3	27	30
Plainfield	419	301	10	107	1	307	8	104	0	28	31
Union Twp.	345	270	7	68	0	259	11	75	0	27	30
WARREN COUNTY	657	458	22	176	1	461	15	180	1	26	28
STATE INSTITUTIONS	9	7	1	1	0	7	0	2	0	30	31
MILITARY POSTS	171	131	4	36	0	121	6	43	1	26	28

Note: 1) Average age is computed excluding State Institutions.
2) Unk = Unknown

TABLE-6

NEW JERSEY
RESIDENT DEATHS BY SEX AND RACE
1984

PLACE OF RESIDENCE	Total	SEX Male	 Female	RACE White	 Black	 Other	 Unknown
STATE TOTAL	68,944	35,323	33,616	60,955	7,675	273	41
ATLANTIC COUNTY	2,392	1,191	1,201	1,937	449	5	1
Atlantic City	766	348	418	461	303	1	1
BERGEN COUNTY	7,669	3,787	3,882	7,364	262	40	3
BURLINGTON COUNTY	2,677	1,366	1,311	2,435	232	9	1
CAMDEN COUNTY	4,312	2,229	2,082	3,735	558	16	3
Camden City	861	455	406	441	415	3	2
Cherry Hill Twp.	546	274	272	523	16	7	
Gloucester Twp.	259	145	114	252	5	2	
CAPE MAY COUNTY	1,102	564	538	1,044	52	5	1
CUMBERLAND COUNTY	1,256	656	600	1,081	167	8	
Vineland City	458	234	224	432	26		
ESSEX COUNTY	8,139	4,181	3,956	5,352	2,730	37	20
Bloomfield	547	256	291	531	14	2	
East Orange	769	404	365	248	518	3	
Irvington	659	322	337	502	152	4	1
Newark	2,927	1,588	1,337	1,190	1,704	15	18
GLOUCESTER COUNTY	1,661	870	791	1,480	179	2	
HUDSON COUNTY	5,826	3,006	2,820	5,175	602	46	3
Bayonne	867	440	427	831	35		1
Hoboken	360	186	174	342	14	4	
Jersey City	2,423	1,273	1,150	1,854	537	32	
North Bergen Twp.	547	256	291	542	3	2	
Union City	442	240	202	436	4	1	1
HUNTERDON COUNTY	615	325	290	610	3	2	
MERCER COUNTY	2,791	1,430	1,360	2,327	459	4	1
Hamilton Twp.	712	364	348	697	15		
Trenton	1,096	586	510	730	364	1	1
MIDDLESEX COUNTY	4,690	2,463	2,227	4,447	222	19	2
Edison Twp.	556	304	252	537	16	3	
New Brunswick	299	150	149	225	72	2	
Old Bridge Twp.	305	151	154	300	2	2	1
Piscataway Twp.	189	108	81	153	33	3	
Woodbridge Twp.	737	388	349	709	25	3	
MONMOUTH COUNTY	5,032	2,511	2,521	4,577	436	19	
Middletown Twp.	515	249	266	498	12	5	
MORRIS COUNTY	2,934	1,463	1,470	2,851	61	21	1
Parsippany-Troy Hills	248	134	114	240	3	5	
OCEAN COUNTY	4,881	2,634	2,247	4,804	70	6	1
Brick Twp.	574	317	257	572	1	1	
Dover Twp.	932	507	425	927	4	1	
PASSAIC COUNTY	4,176	2,150	2,026	3,761	401	13	1
Clifton	858	428	430	853	3	2	
Passaic City	553	276	277	492	58	3	
Paterson	1,230	666	564	897	330	2	1
Wayne Twp.	338	173	165	334	3	1	
SALEM COUNTY	600	302	298	504	93	3	
SOMERSET COUNTY	1,514	778	736	1,456	54	4	
SUSSEX COUNTY	802	426	376	797	5		
UNION COUNTY	5,002	2,557	2,445	4,358	628	13	3
Elizabeth	1,128	580	548	961	162	4	1
Plainfield	371	192	179	185	185	1	
Union Twp.	656	347	309	609	44	3	
WARREN COUNTY	854	422	432	845	8	1	
STATE INSTITUTIONS	7	5	2	6	1		
MILITARY POSTS	12	7	5	9	3		

Note: Total includes 5 deaths, sex unknown, 1 in Camden, Mercer, Morris Counties and 2 in Essex County (Newark).

TABLE-7

NEW JERSEY
RESIDENT INFANT, FETAL, NEONATAL, PERINATAL DEATHS
1984

PLACE OF RESIDENCE	INFANT DEATHS		FETAL DEATHS		NEONATAL DEATHS		PERINATAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,090	10.8	1,062	10.5	744	7.4	1,806	17.7
ATLANTIC COUNTY	38	12.7	47	15.8	22	7.4	69	22.8
Atlantic City	16	23.6	13	19.2	11	16.2	24	34.7
BERGEN COUNTY	55	6.1	54	5.9	37	4.1	91	10.0
BURLINGTON COUNTY	46	9.5	71	14.7	31	6.4	102	20.8
CAMDEN COUNTY	92	11.8	97	12.4	68	8.7	165	20.9
Camden City	47	21.7	38	17.6	33	15.3	71	32.3
Cherry Hill Twp.	7	10.5	4	6.0	7	10.5	11	16.4
Gloucester Twp.	2	2.8	11	15.5	1	1.4	12	16.6
CAPE MAY COUNTY	16	13.8	14	12.1	12	10.4	26	22.2
CUMBERLAND COUNTY	27	13.1	36	17.5	23	11.2	59	28.1
Vineland City	7	9.0	11	14.2	6	7.8	17	21.7
ESSEX COUNTY	186	15.6	153	12.9	113	9.5	266	22.1
Bloomfield	3	5.6	7	13.0	2	3.7	9	16.5
East Orange	27	20.0	23	17.0	17	12.6	40	29.1
Irvington	18	17.9	14	13.9	9	9.0	23	22.6
Newark	102	18.6	82	14.9	62	11.3	144	25.9
GLOUCESTER COUNTY	29	9.7	43	14.4	21	7.0	64	21.1
HUDSON COUNTY	108	13.0	97	11.7	74	8.9	171	20.4
Bayonne	3	4.2	3	4.2	2	2.8	5	7.0
Hoboken	3	6.0	6	12.0	2	4.0	8	15.8
Jersey City	66	16.7	59	15.0	46	11.7	105	26.2
North Bergen Twp.	3	5.4	7	12.5	1	1.8	8	14.1
Union City	15	16.4	10	10.9	10	10.9	20	21.6
HUNTERDON COUNTY	8	6.7	9	7.5	6	5.0	15	12.5
MERCER COUNTY	46	10.5	53	12.1	33	7.5	86	19.4
Hamilton Twp.	7	6.6	7	6.6	6	5.6	13	12.1
Trenton	33	17.8	34	18.3	23	12.4	57	30.2
MIDDLESEX COUNTY	73	9.2	67	8.5	56	7.1	123	15.4
Edison Twp.	8	7.7	10	9.6	7	6.7	17	16.2
New Brunswick	8	13.7	10	17.2	7	12.0	17	28.7
Old Bridge Twp.	3	5.3	6	10.5	2	3.5	8	13.9
Piscataway Twp.	4	7.1	5	8.9	4	7.1	9	15.9
Woodbridge Twp.	8	7.7	6	5.8	5	4.8	11	10.5
MONMOUTH COUNTY	74	11.1	54	8.1	53	7.9	107	15.9
Middletown Twp.	10	12.9	3	3.9	8	10.3	11	14.1
MORRIS COUNTY	40	7.9	37	7.3	30	5.9	67	13.1
Parsippany-Troy Hills	5	8.3	1	1.7	4	6.7	5	8.3
OCEAN COUNTY	45	9.4	33	6.9	31	6.5	64	13.3
Brick Twp.	7	9.2	4	5.2	3	3.9	7	9.1
Dover Twp.	8	9.4	4	4.7	6	7.0	10	11.7
PASSAIC COUNTY	70	10.4	67	9.9	45	6.7	112	16.5
Clifton	3	4.0	7	9.4	2	2.7	9	12.0
Passaic City	20	18.8	17	16.0	15	14.1	32	29.7
Paterson	37	13.1	26	9.2	20	7.1	46	16.1
Wayne Twp.	4	9.6	4	9.6	4	9.6	8	19.0
SALEM COUNTY	16	18.4	14	16.1	11	12.7	25	28.3
SOMERSET COUNTY	21	8.4	26	10.4	16	6.4	42	16.6
SUSSEX COUNTY	15	8.2	8	4.4	12	6.6	20	10.9
UNION COUNTY	69	11.2	63	10.3	39	6.4	102	16.4
Elizabeth	26	15.4	14	8.3	15	8.9	29	17.0
Plainfield	12	14.7	13	15.9	7	8.5	20	24.0
Union Twp.	3	6.8	1	2.3	1	2.3	2	4.5
WARREN COUNTY	11	9.7	15	13.2	8	7.0	23	19.9
STATE INSTITUTIONS MILITARY POSTS	5	8.5	4	6.8	3	5.1	7	11.8

TABLE-8

NEW JERSEY
RESIDENT DEATHS BY SUICIDE, HOMICIDE
RATES PER 100,000 POPULATION
1984

	SUICIDE		HOMICIDE	
PLACE OF RESIDENCE	Number	Rate	Number	Rate
STATE TOTAL	650	8.6	435	5.8
ATLANTIC COUNTY	27	13.4	21	10.5
Atlantic City	8	21.8	15	40.9
BERGEN COUNTY	66	7.8	22	2.6
BURLINGTON COUNTY	30	7.9	8	2.1
CAMDEN COUNTY	64	13.2	35	7.2
Camden City	11	13.2	24	28.9
Cherry Hill Twp.	13	18.6	1	1.4
Gloucester Twp.	5	10.2		
CAPE MAY COUNTY	10	11.2	2	2.2
CUMBERLAND COUNTY	14	10.4	10	7.5
Vineland City	7	13.1	6	11.2
ESSEX COUNTY	54	6.4	103	12.2
Bloomfield			1	2.1
East Orange	6	7.8	10	12.9
Irvington	5	8.0	7	11.2
Newark	19	6.0	76	23.9
GLOUCESTER COUNTY	20	9.7	9	4.4
HUDSON COUNTY	51	9.1	61	10.9
Bayonne	3	4.7	2	3.1
Hoboken	5	12.0	3	7.2
Jersey City	21	9.4	33	14.8
North Bergen Twp.	6	12.7	3	6.4
Union City	5	8.8	7	12.4
HUNTERDON COUNTY	7	7.6	3	3.3
MERCER COUNTY	22	7.0	19	6.0
Hamilton Twp.	1	1.2	2	2.4
Trenton	12	13.0	15	16.3
MIDDLESEX COUNTY	49	7.9	13	2.1
Edison Twp.	4	5.3		
New Brunswick	2	4.9	5	12.4
Old Bridge Twp.	4	7.4		
Piscataway Twp.	5	11.5	1	2.3
Woodbridge Twp.	6	6.4	3	3.2
MONMOUTH COUNTY	44	8.4	23	4.4
Middletown Twp.	2	3.0		
MORRIS COUNTY	42	10.1	13	3.1
Parsippany-Troy Hills	2	4.0		
OCEAN COUNTY	34	9.2	12	3.2
Brick Twp.	5	8.7	1	1.7
Dover Twp.	8	11.7	3	4.4
PASSAIC COUNTY	40	8.7	47	10.3
Clifton	7	9.2	2	2.6
Passaic City	4	7.4	5	9.3
Paterson	13	9.3	36	25.8
Wayne Twp.	4	8.3	1	2.1
SALEM COUNTY	7	10.7	4	6.1
SOMERSET COUNTY	17	8.1	5	2.4
SUSSEX COUNTY	13	10.9	1	0.8
UNION COUNTY	28	5.5	23	4.5
Elizabeth	5	4.6	7	6.5
Plainfield	1	2.2	1	2.2
Union Twp.	8	15.7	3	5.9
WARREN COUNTY	11	12.9	1	1.2
STATE INSTITUTIONS				
MILITARY POSTS				

TABLE-9

NEW JERSEY
RESIDENT DEATHS FROM HEART DISEASES, CANCER, ALL ACCIDENTS AND DIABETES
RATES PER 100,000 POPULATION,
1984

PLACE OF RESIDENCE	HEART DISEASE		CANCER		ALL ACCIDENTS		DIABETES	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	27,460	365.4	16,662	221.7	2,099	27.9	1,415	18.8
ATLANTIC COUNTY	941	468.4	544	270.8	77	38.3	55	27.4
Atlantic City	298	812.0	147	400.5	19	51.8	17	46.3
BERGEN COUNTY	3,217	380.9	2,010	238.0	183	21.7	143	16.9
BURLINGTON COUNTY	1,067	282.5	647	171.3	113	29.9	47	12.4
CAMDEN COUNTY	1,707	351.9	1,072	221.0	137	28.2	90	18.6
Camden City	285	343.1	207	249.2	36	43.3	17	20.5
Cherry Hill Twp.	237	339.7	127	182.0	13	18.6	11	15.8
Gloucester Twp.	117	239.5	65	133.0	9	18.4	5	10.2
CAPE MAY COUNTY	460	516.9	257	288.8	39	43.8	16	18.0
CUMBERLAND COUNTY	522	389.5	249	185.8	59	44.0	20	14.9
Vineland City	190	356.0	94	176.1	20	37.5	10	18.7
ESSEX COUNTY	3,024	359.3	1,837	218.3	271	32.2	195	23.2
Bloomfield	221	464.7	137	288.1	11	23.1	7	14.7
East Orange	263	340.6	155	200.7	34	44.0	27	35.0
Irvington	281	449.5	128	204.8	20	32.0	12	19.2
Newark	971	305.3	611	192.1	138	43.4	70	22.0
GLOUCESTER COUNTY	638	310.4	431	209.7	59	28.7	32	15.6
HUDSON COUNTY	2,310	413.5	1,325	237.2	158	28.3	134	24.0
Bayonne	358	561.7	221	346.8	19	29.8	22	34.5
Hoboken	170	407.3	70	167.7	5	12.0	4	9.6
Jersey City	903	405.8	522	234.6	69	31.0	56	25.2
North Bergen Twp.	215	455.3	132	279.5	14	29.6	13	27.5
Union City	170	300.6	84	148.5	21	37.1	13	23.0
HUNTERDON COUNTY	252	274.5	153	166.7	19	20.7	10	10.9
MERCER COUNTY	1,132	359.8	646	205.3	96	30.5	71	22.6
Hamilton Twp.	307	362.8	176	208.0	19	22.5	15	17.7
Trenton	436	472.9	244	264.6	46	49.9	33	35.8
MIDDLESEX COUNTY	1,841	298.0	1,188	192.3	142	23.0	99	16.0
Edison Twp.	219	287.7	160	210.2	18	23.6	10	13.1
New Brunswick	102	251.9	66	163.0	8	19.8	8	19.8
Old Bridge Twp.	128	235.9	78	143.8	7	12.9	10	18.4
Piscataway Twp.	69	159.4	41	94.7	9	20.8	5	11.5
Woodbridge Twp.	285	305.4	205	219.7	29	31.1	8	8.6
MONMOUTH COUNTY	1,956	374.3	1,246	238.5	132	25.3	108	20.7
Middletown Twp.	195	291.6	133	198.9	17	25.4	13	19.4
MORRIS COUNTY	1,108	265.6	733	175.7	99	23.7	50	12.0
Parsippany-Troy Hills	91	181.5	68	135.6	8	16.0	3	6.0
OCEAN COUNTY	2,122	571.6	1,235	332.7	116	31.2	88	23.7
Brick Twp.	232	402.1	159	275.6	12	20.8	11	19.1
Dover Twp.	382	558.9	252	368.7	26	38.0	16	23.4
PASSAIC COUNTY	1,682	367.5	939	205.2	114	24.9	103	22.5
Clifton	356	469.6	215	283.6	16	21.1	26	34.3
Passaic City	218	404.1	120	222.5	16	29.7	14	26.0
Paterson	460	329.6	254	182.0	36	25.8	23	16.5
Wayne Twp.	149	309.4	69	143.3	13	27.0	6	12.5
SALEM COUNTY	251	382.1	132	200.9	27	41.1	12	18.3
SOMERSET COUNTY	590	282.4	382	182.8	61	29.2	24	11.5
SUSSEX COUNTY	311	261.6	189	159.0	33	27.8	8	6.7
UNION COUNTY	1,940	383.2	1,248	246.5	139	27.5	97	19.2
Elizabeth	438	407.0	238	221.1	43	40.0	22	20.4
Plainfield	135	292.1	91	196.9	17	36.8	6	13.0
Union Twp.	265	520.9	180	353.8	8	15.7	13	25.6
WARREN COUNTY	384	449.9	198	232.0	23	27.0	13	15.2
STATE INSTITUTIONS	2				2			
MILITARY POSTS	3		1					

Note: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-10

NEW JERSEY
RESIDENT DEATHS FROM CEREBROVASCULAR DISEASES BY SEX AND AGE
1984

PLACE OF RESIDENCE	TOTAL	RATE	SEX		AGE GROUP						
			MALE	FEMALE	1	1-4	5-14	15-24	25-44	45-64	65+
STATE TOTAL	4,609	61.3	1,814	2,795	4		7	11	116	601	3,870
ATLANTIC COUNTY	194	96.6	74	120	1				3	24	166
Atlantic City	63	171.7	23	40	1					6	54
BERGEN COUNTY	508	60.2	192	316				1	12	57	438
BURLINGTON COUNTY	186	49.2	76	110	1				2	28	155
CAMDEN COUNTY	261	53.8	115	146			1	1	8	47	204
Camden City	58	69.8	25	33					2	16	40
Cherry Hill Twp.	35	50.2	14	21						6	29
Gloucester Twp.	12	24.6	8	4						1	11
CAPE MAY COUNTY	94	105.6	43	51					2	5	87
CUMBERLAND COUNTY	75	56.0	31	44				1	1	8	65
Vineland City	36	67.5	15	21						5	31
ESSEX COUNTY	529	62.9	211	318			2		20	90	417
Bloomfield	43	90.4	15	28						5	38
East Orange	48	62.2	15	33					3	93	36
Irvington	39	62.4	15	24					2	7	30
Newark	167	52.5	76	91					12	48	105
GLOUCESTER COUNTY	116	56.4	40	76					3	11	102
HUDSON COUNTY	344	61.6	137	207	1				20	68	255
Bayonne	48	75.3	24	24					1	12	35
Hoboken	25	59.9	9	16					1	6	18
Jersey City	132	59.3	52	80	1				13	25	93
North Bergen Twp.	37	78.4	11	26						4	33
Union City	31	54.8	13	18					1	8	22
HUNTERDON COUNTY	40	43.6	21	19					1	7	32
MERCER COUNTY	157	49.9	58	99					1	29	127
Hamilton Twp.	36	42.5	13	23						9	27
Trenton	57	61.8	22	35					1	14	42
MIDDLESEX COUNTY	282	45.6	109	173			3	1	4	44	230
Edison Twp.	23	30.2	11	12						5	18
New Brunswick	16	39.5	8	8						6	10
Old Bridge Twp.	20	36.9	9	11			1		1	5	13
Piscataway Twp.	10	23.1	5	5			1		1	2	6
Woodbridge Twp.	46	49.3	17	29				1		7	38
MONMOUTH COUNTY	382	73.1	129	253	1			4	6	33	338
Middletown Twp.	31	46.4	8	23				1	1	3	26
MORRIS COUNTY	208	49.9	70	138				1	5	25	177
Parsippany-Troy Hills	13	25.9	8	5				1	1	3	8
OCEAN COUNTY	322	86.7	140	182					6	29	287
Brick Twp.	34	58.9	12	22						3	31
Dover Twp.	54	79.0	23	31					1	5	48
PASSAIC COUNTY	295	64.5	125	170				1	6	37	251
Clifton	67	88.4	29	38						6	61
Passaic City	37	68.6	11	26					1	2	34
Paterson	76	54.5	39	37					3	18	55
Wayne Twp.	38	78.9	13	25				1	1	2	34
SALEM COUNTY	40	60.9	13	27					1	5	34
SOMERSET COUNTY	100	47.9	38	62					3	10	87
SUSSEX COUNTY	55	46.3	23	32					3	3	49
UNION COUNTY	375	74.1	155	220			1	1	9	39	325
Elizabeth	76	70.6	32	44			1	1	5	11	58
Plainfield	22	47.6	11	11					1	3	18
Union Twp.	53	104.2	21	32						4	49
WARREN COUNTY	46	53.9	14	32						2	44
STATE INSTITUTIONS											
MILITARY POSTS											

Prepared by Center for Health Statistics
New Jersey State Department of Health

TABLE-11

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1984

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS-ALL AGES	68,944	917.4
1.	Diseases of heart (390-398, 402, 404-429)	27,460	365.4
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	16,662	221.7
3.	Cerebrovascular diseases (430-438)	4,609	61.3
4.	Accidents (E800-E949)	2,099	27.9
5.	Pneumonia and influenza (480-487)	1,959	26.1
6.	Diabetes mellitus (250)	1,415	18.8
7.	Chronic liver disease and cirrhosis (571)	1,032	13.7
8.	Nephritis, nephrotic syndrome and nephrosis (580-589)	818	10.9
9.	Arteriosclerosis (440)	765	10.2
10.	Septicemia (038)	760	10.1
11.	Other diseases of arteries, arterioles and capillaries (441-448)	725	9.6
12.	Suicide (E950-E959)	650	8.6
13.	Bronchitis, emphysema and asthma (490-493)	567	7.5
14.	Homicide and legal intervention (E960-E978)	435	5.8
	All other causes	8,988	119.6
	TOTAL DEATHS 1-4 YEARS	170	43.7
1.	Accidents (E800-E949)	59	15.2
2.	Congenital anomalies (740-759)	25	6.4
3.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	15	3.9
4.	Diseases of heart (390-398, 402, 404-429)	8	2.1
	All other causes	63	16.2
	TOTAL DEATHS 5-14 YEARS	245	23.9
1.	Accidents (E800-E949)	97	9.5
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	47	4.6
3.	Congenital anomalies (740-759)	16	1.6
4.	Homicide and legal intervention (E960-E978)	14	1.4
5.	Cerebrovascular diseases (430-438)	7	0.7
	All other causes	64	6.2
	TOTAL DEATHS 15-24 YEARS	913	75.2
1.	Accidents (E800-E949)	411	33.8
2.	Suicide (E950-E959)	115	9.5
3.	Homicide and legal intervention (E960-E978)	115	9.5
4.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	78	6.4
5.	Diseases of heart (390-398, 402, 404-429)	38	3.1
6.	Pneumonia and influenza (480-487)	13	1.1
	All other causes	143	11.8

TABLE-11 (CONTINUED)

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1984

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS 25-44 YEARS	3,431	153.4
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	661	29.6
2.	Accidents (E800-E949)	566	25.3
3.	Diseases of heart (390-398,402,404-429)	496	22.2
4.	Suicide (E950-E959)	242	10.8
5.	Chronic liver disease and cirrhosis (571)	176	7.9
6.	Homicide and legal intervention (E960-E978)	169	7.6
7.	Cerebrovascular diseases (430-438)	116	5.2
8.	Pneumonia and influenza (480-487)	82	3.7
	All other causes	923	41.3
	TOTAL DEATHS 45-64 YEARS	14,067	875.5
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5,116	318.4
2.	Diseases of heart (390-398,402,404-429)	4,803	298.9
3.	Cerebrovascular diseases (430-438)	601	37.4
4.	Chronic liver disease and cirrhosis (571)	489	30.4
5.	Accidents (E800-E949)	357	22.2
6.	Diabetes mellitus (250)	308	19.2
7.	Pneumonia and influenza (480-487)	204	12.7
8.	Suicide (E950-E959)	175	10.9
9.	Other diseases of arteries, arterioles and capillaries (441-448)	119	7.4
10.	Nephritis, nephrotic syndrome and nephrosis (580-589)	117	7.3
	All other causes	1,778	110.7
	TOTAL DEATHS 65 YEARS AND OVER	48,993	5,201.0
1.	Diseases of heart (390-398,402,404-429)	22,081	2,344.1
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	10,738	1,139.9
3.	Cerebrovascular diseases (430-438)	3,870	410.8
4.	Pneumonia and influenza (480-487)	1,629	172.9
5.	Diabetes mellitus (250)	1,057	112.2
6.	Arteriosclerosis (440)	709	75.3
7.	Nephritis, nephrotic syndrome and nephrosis (580-589)	658	69.9
8.	Septicemia (038)	605	64.2
9.	Accidents (E800-E949)	586	62.2
10.	Other diseases of arteries, arterioles and capillaries (441-448)	579	61.5
	All other causes	6,481	688.0

Note: Rates may not add to total death rate due to rounding.

TABLE-12

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1984

PLACE OF RESIDENCE	CLINICALLY ACTIVE CASES		ALL CASES		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
State Total	790	10.5	935	12.4	70	0.9
ATLANTIC COUNTY	29	14.4	29	14.4	3	1.5
Atlantic City	16	43.6	16	43.6	2	5.4
BERGEN COUNTY	45	5.3	59	7.0	3	0.4
BURLINGTON COUNTY	22	5.8	22	5.8	1	0.3
CAMDEN COUNTY	29	6.0	35	7.2	6	1.2
Camden City	11	13.2	13	15.7	4	4.8
Cherry Hill Twp.	4	5.7	5	7.2	1	1.4
Gloucester Twp.	2	4.1	2	4.1		
CAPE MAY COUNTY	14	15.7	14	15.7		
CUMBERLAND COUNTY	8	6.0	8	6.0	1	0.7
Vineland City	5	9.4	5	9.4	1	1.9
ESSEX COUNTY	206	24.5	208	24.7	22	2.6
Bloomfield	4	8.4	4	8.4	1	2.1
East Orange	22	28.5	22	28.5	3	3.9
Irvington	14	22.4	14	22.4		
Newark	141	44.3	142	44.6	15	4.7
GLOUCESTER COUNTY	5	2.4	5	2.4	2	1.0
HUDSON COUNTY	116	20.8	154	27.6	11	2.0
Bayonne	8	12.6	9	14.1	1	1.6
Hoboken	10	24.0	15	35.9		
Jersey City	75	33.7	101	45.4	9	4.0
North Bergen Twp.	4	8.5	4	8.5	1	2.1
Union City	8	14.1	11	19.4		
HUNTERDON COUNTY	2	2.2	2	2.2		
MERCER COUNTY	27	8.6	27	8.6	1	0.3
Hamilton Twp.					1	1.2
Trenton	24	26.0	24	26.0		
MIDDLESEX COUNTY	58	9.4	96	15.5	3	0.5
Edison Twp.	10	13.1	14	18.4	1	1.3
New Brunswick	8	19.8	14	34.6		
Old Bridge Twp.	1	1.8	3	5.5		
Piscataway Twp.	2	4.6	4	9.2	1	2.3
Woodbridge Twp.	9	9.6	11	11.8		
MONMOUTH COUNTY	31	5.9	49	9.4	2	0.4
Middletown Twp.	2	3.0	3	4.5	1	1.5
MORRIS COUNTY	11	2.6	13	3.1		
Parsippany-Troy Hills	2	4.0	2	4.0		
OCEAN COUNTY	16	4.3	16	4.3	3	0.8
Brick Twp.	4	6.9	4	6.9		
Dover Twp.	5	7.3	5	7.3	1	1.5
PASSAIC COUNTY	76	16.6	99	21.6	6	1.3
Clifton	5	6.6	7	9.2	1	1.3
Passaic City	15	27.8	22	40.8	1	1.9
Paterson	49	35.1	62	44.4	3	2.1
Wayne Twp.			1	2.1		
SALEM COUNTY	2	3.0	2	3.0	1	1.5
SOMERSET COUNTY	8	3.8	8	3.8		
SUSSEX COUNTY	4	3.4	6	5.0		
UNION COUNTY	70	13.8	72	14.2	5	1.0
Elizabeth	32	29.7	32	29.7	3	2.8
Plainfield	6	13.0	7	15.1		
Union Twp.	7	13.8	7	13.8		
WARREN COUNTY	4	4.7	4	4.7		
STATE INSTITUTIONS	6		6			
MILITARY POSTS	1		1			

Note: Clinically active cases are those with a culture positive for M. tuberculosis or those on two or more anti-tuberculosis drugs. The count includes those with a previous episode of tuberculosis who have developed disease again if more than 12 months have elapsed since they were discharged from supervision. Nonclinically active cases were not included in the count if medication was not prescribed.

Rates for State Institutions and Military Posts are not computed due to lack of population base.

TABLE-13

NEW JERSEY
RESIDENT CASES OF SYPHILIS AND GONORRHEA
RATES PER 100,000 POPULATION
1984

PLACE OF RESIDENCE	SYPHILIS						GONORRHEA	
	ALL STAGES		PRIMARY AND SECONDARY		EARLY LATENT			
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	2,006	26.7	678	9.0	572	7.6	20,351	270.8
ATLANTIC COUNTY	92	45.8	36	17.9	19	9.5	893	444.5
Atlantic City	65	177.1	26	70.8	13	35.4	655	1,784.7
BERGEN COUNTY	77	9.1	10	1.2	21	2.5	468	55.4
BURLINGTON COUNTY	26	6.9	4	1.1	8	2.1	348	92.1
CAMDEN COUNTY	138	28.4	21	4.3	56	11.5	1,052	216.9
Camden City	100	120.4	20	24.1	43	51.8	805	969.1
Cherry Hill Twp.	9	12.9	1	1.4	1	1.4	33	47.3
Gloucester Twp.							26	53.2
CAPE MAY COUNTY	8	9.0	3	3.4	5	5.6	90	101.1
CUMBERLAND COUNTY	39	29.1	5	3.7	19	14.2	585	436.6
Vineland City	17	31.9	1	1.9	9	16.9	182	341.0
ESSEX COUNTY	758	90.1	366	43.5	192	22.8	7,931	942.5
Bloomfield	6	12.6	3	6.3			14	29.4
East Orange	115	148.9	59	76.4	21	27.2	1,090	1,411.4
Irvington	68	108.8	26	41.6	22	35.2	518	828.6
Newark	512	161.0	255	80.2	136	42.8	5,906	1,856.7
GLOUCESTER COUNTY	17	8.3	3	1.5	8	3.9	193	93.9
HUDSON COUNTY	229	41.0	85	15.2	69	12.4	1,550	277.5
Bayonne	8	12.6	1	1.6	4	6.3	44	69.0
Hoboken	14	33.5	3	7.2	5	12.0	69	165.3
Jersey City	119	53.5	54	24.3	45	20.2	1,282	576.1
North Bergen Twp.	20	42.4	6	12.7	5	10.6	17	36.0
Union City	28	49.5	11	19.4	5	8.8	68	120.2
HUNTERDON COUNTY	1	1.1					14	15.3
MERCER COUNTY	92	29.2	22	7.0	41	13.0	2,257	717.3
Hamilton Twp.	2	2.4			1	1.2	58	68.5
Trenton	85	92.0	20	21.7	39	42.3	2,096	2,273.2
MIDDLESEX COUNTY	85	13.8	21	3.4	28	4.5	746	120.8
Edison Twp.	8	10.5	1	1.3	2	2.6	113	148.4
New Brunswick	30	74.1	8	19.8	11	27.2	436	1,076.9
Old Bridge Twp.	1	1.8					2	3.7
Piscataway Twp.							2	4.6
Woodbridge Twp.	6	6.4	1	1.1	5	5.4	22	23.6
MONMOUTH COUNTY	62	11.9	12	2.3	17	3.3	971	185.8
Middletown Twp.	1	1.5					8	12.0
MORRIS COUNTY	26	6.2	5	1.2	3	0.7	192	46.0
Parsippany-Troy Hills	2	4.0					7	14.0
OCEAN COUNTY	11	3.0	3	0.8	3	0.8	171	46.1
Brick Twp.	1	1.7			1	1.7	19	32.9
Dover Twp.	1	1.5					20	29.3
PASSAIC COUNTY	160	35.0	34	7.4	37	8.1	1,274	278.4
Clifton	7	9.2			2	2.6	26	34.3
Passaic City	35	64.9	8	14.8	7	13.0	144	267.0
Paterson	109	78.1	24	17.2	27	19.3	1,068	765.2
Wayne Twp.	2	4.2			1	2.1	10	20.8
SALEM COUNTY	9	13.7	1	1.5	1	1.5	110	167.5
SOMERSET COUNTY	14	6.7	1	0.5	3	1.4	155	74.2
SUSSEX COUNTY	3	2.5			1	0.8	40	33.6
UNION COUNTY	125	24.7	40	7.9	33	6.5	997	196.9
Elizabeth	71	66.0	16	14.9	22	20.4	318	295.5
Plainfield	18	38.9	8	17.3	2	4.3	415	897.9
Union Twp.	3	5.9	1	2.0	1	2.0	32	62.9
WARREN COUNTY	2	2.3	1	1.2			50	58.6
STATE INSTITUTIONS	19		1		1		14	
MILITARY POSTS	13		4		7		250	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-14

CIVILIAN CASES OF SYPHILIS BY STAGE, AND GONORRHEA BY AGE AND SEX
NUMBERS, AGE-SPECIFIC RATES AND SEX-SPECIFIC RATES PER 100,000 POPULATION
NEW JERSEY: 1984

	SYPHILIS CASES											
	Total		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		CONGENITAL		GONORRHEA	
Sex and Age	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	1,993	26.5	674	9.0	565	7.5	749	10.0	5	0.1	20,101	267.5
Under 5	3	0.6							3	0.6	26	5.3
5-9	1	0.2	1	0.2							24	5.1
10-14	14	2.5	6	1.1	7	1.3	1	0.2			242	44.0
15-19	217	36.3	83	13.9	91	15.2	43	7.2			5,017	840.0
20-24	470	76.2	187	30.3	182	29.5	101	16.4			6,708	1,087.1
25-29	451	72.5	167	26.8	123	19.8	160	25.7	1	0.2	3,618	581.3
30-34	277	45.9	104	17.2	65	10.8	108	17.9			1,616	268.0
35-39	156	28.5	46	8.4	42	7.7	68	12.4			711	129.9
40-44	95	20.5	34	7.3	20	4.3	40	8.6	1	0.2	285	61.5
45-59	167	13.6	39	3.2	28	2.3	100	8.2			287	23.5
60 and over	128	9.7	7	0.5	5	0.4	116	8.8			34	2.6
Unstated	14				2		12				1,533	
Male	1,227	34.0	432	12.0	346	9.6	446	12.4	3	0.1	12,840	355.9
Female	766	19.6	242	6.2	219	5.6	303	7.8	2	0.1	7,261	185.8

Note: The 1984 population estimates used for calculation of rates.

TABLE-15

NEW JERSEY: 1984
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE

				HEPATITIS							MENINGOCOCCAL INFECTIONS															
Counties	Amebiasis	Aseptic Meningitis	Brucellosis	Type A	Type B	Type Unspecified	Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Tularemia	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Arthropod Borne)	Encephalitis (Other Primary Infections)
TOTAL	90	294	1	656	1,052	142	105	26	41	7	93		93	139	12	23	2,054	495	1	23	1	21	3	4	1	24
Atlantic	1	6		36	46	4	3	2			3		3	101	1		97	5			1	4				2
Bergen	4	50		14	70	6	5	2	1	2	10		10	5	1	4	135	19						1		1
Burlington	2	8		28	42	2			1		5		5	1			63	6		2			2			
Camden	2	7		133	94	10	10	3	1	2	9		9	7	4		114	48					1			
Cape May	25	2		2	22	3	3				1		1				26									
Cumberland		5		45	29	1	3	1			4		4	2			56	25							1	
Essex	8	39		29	139	19	15	4	9		15		15	2	1	2	290	161		2		3				2
Gloucester	3	13		71	32	4	3							1	3		41	4		1						
Hudson	9	12		12	81	7	2		8		5		5	1			292	59	1			6				1
Hunterdon	3			5	6	1	6	1	1		2		2	1			12	3				1		1		
Mercer	1	9		4	59	12	5	1		1	2		2	1		1	155	11		10						1
Middlesex	2	18		28	77	16	8	3	4		3		3	3		4	150	29				1				3
Monmouth	3	21		16	54	10	2	4	2		3		3	3		7	120	45		2						3
Morris	2	18		18	46	5	2		1		2		2	2	1	1	78	13		1		1		1		1
Ocean	2	26		114	53	16	15	1			7		7	2	1	1	96	7								3
Passaic	4	14	1	27	87	7	7		3	2	9		9	1		2	133	30				1		1		1
Salem		2		42	14	2	1				2		2	1			10	2								3
Somerset	15	11		8	29	3	3	1	1		3		3	1			28	5		5		1				2
Sussex		2		1	8	2	2	1	3		1		1	1			18	2								1
Union	3	27		17	60	12	10	2	6		6		6	3		1	110	21				3				
Warren	1	3		6	4						1		1				18									
Unknown		1															12									

NOTE: There were no cases of Diphtheria or Encephalitis (Post Chicken Pox, Mumps or other).

June 1985

TAB B

Historical Perspective
1984

CENTER FOR HEALTH STATISTICS
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NEW JERSEY DEPARTMENT OF HEALTH

Historical Perspective
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CENTER FOR HEALTH STATISTICS
NEW JERSEY DEPARTMENT OF HEALTH

HISTORICAL PERSPECTIVE

INTRODUCTION

The Historical Perspective as presented in this report presents an overview of the United States and New Jersey Vital Statistics trends, as primarily related to births and deaths. No attempt has been made to expand the coverage into other areas of vital statistics such as morbidity or abortion. A series of tables have been included that give historical aggregated data for selected items.

STATISTICAL OVERVIEW

U.S. TRENDS

The U.S. population reached 226.5 million as of April 1, 1980. Recent projections indicate that the population will increase to a level of 249.7 million by 1990 and to 268.0 million by the year 2000. These levels are based on the assumption that the U.S. couples will have an average of two children.

The rate of population growth has slowed substantially since the 1950's. This has primarily been a result of the decrease in the annual number of births from a level of 4.3 million in the late 1950's to 3.7 million in 1983. If growth continues at the 1970-80 average annual rate, according to the U.S. Census, the population will double in size in about 85 years. In other industrialized countries with slower growth rates than the United States, such as the German Federal Republic, England and Wales, it will take as many as 347 years for the population to double. In the lesser developed countries such as Mexico, with higher rates of growth, the population will double in about 17 years.

The number of people 65 years of age and over in the U.S., by the end of the century, is projected to increase by about 9 million, or from 10.7 percent of the population to 12.2 percent. Since the elderly are less healthy and utilize more health services than younger people, the increasing number of elderly portends increased demand for health services.

Birth rates in general have steadily decreased since the late 1950's, with women having their first child at a later age than in the past. From 1972 to 1976, rates of the first birth increased for women in age groups 25-29 and 30-34 and decreased for women 20-24 years of age. Birth rates for young teenagers between 15-17 did not begin to drop until the early 1970's, unlike the rates for older teenagers, 18-19, which followed the patterns similar to women 20-24 years of age.

U.S. statistics show that teenage mothers are likely to face negative educational and income consequences when compared with older mothers. For each year a high school student postponed her first birth, she can expect to complete almost an additional year of schooling.

After a rapid decline from 1960 to 1976, fertility rates in the U.S. for women 15-44 years of age have been gradually increasing, reaching 68.4 births per 1,000 in 1980 and dropping to 66.0 in 1984. This trend is partly because of postponed births as witnessed by postponed marriages. Between 1982 and 1983 a 2.4 percent decrease in the estimated number of births was observed, in contrast to the approximately two percent increase observed both between 1981 and 1982 and between 1983 and 1984.

The estimated live births in 1982 was the largest number observed since 1970. The birth rate for 1982 at 16.0 live births per 1,000 population was at its highest level since 1971 (17.2). The birth rate of 15.7 for 1984 was pretty comparable to the previous year (15.5).

This trend will probably continue in the future. For example, based on lifetime birth expectations of married women 18-34 years of age in the United States, an average of 2.2 lifetime expected births was estimated in 1983 compared with 3.1 in 1967. According to new projections prepared by the U.S. Bureau of the Census, the number of women in the childbearing ages will increase by about 1 percent annually through 1985. The annual number of births therefore should continue to rise, although slightly, unless there are offsetting declines in age-specific birth rates. Between 1985 and 1990, the number of women aged 15-44 years is expected to stabilize with annual increases of less than 1 percent. Slight declines in this population are anticipated between 1990 and 2000. Overall, life expectancy at birth continued to increase through 1984, reaching a new high of 74.7 years for the total population. Record highs were also established for each race-sex group and reached 71.0 years for men and 78.1 years for women of all races.

NEW JERSEY TRENDS

Future population in New Jersey is not projected to grow as fast as the nation as a whole. This is understandable with its present population density level of 1012.6 persons per square mile (as of July 1, 1985) and its declining industrial employment base. New Jersey is the most densely populated state in the nation and the first state to pass a thousand persons per square mile. The New Jersey Department of Labor recently projected that by the year 2000 the State's population would reach the 8.5 million mark and 9.2 million is anticipated by July 1, 2020. This annual growth rate of about 0.6% is higher in this decade than the 0.3% per annum growth that took place over the 1970-80 period.

The growth that will occur according to what the statistics indicate, will be due partially to an assumed increase in the number of births and projected in-migration from employment growth. The increase in births is based on what appears to be the result of the relatively large numbers of women in the childbearing ages between 15-44 years of age. Strong employment growth, based on trend data, is indicated in several counties and also further additions to the population from Atlantic City hotel-casinos indicates a level of about 14% increase by the year 2000.

Looking back, we find that during the fifties and the sixties New Jersey's population grew much faster than the nation, despite overall lower birth rates and higher death rates. The rapid growth in the State's population was attributed to a large scale net in-migration that took place mostly from the neighboring states of New York and Pennsylvania. In the 1970's, however, New Jersey registered an almost stationary 2.7 percent population growth as compared to 11.4 percent average rate for the United States. The reversal of the trend that took place during the seventies was almost entirely because of a net out-migration.

The State's population growth was in suburbia and concentrated more in the northeast and southwest counties than in the rural or shore areas. The urban areas, in contrast, experienced a population decline from 1970 to 1980 as the loss of the State's industrial base had its impact. Nine out of ten of the State's residents, an overwhelming majority, however, continue to live in the major urban centers of the State.

The racial composition, age distribution, and other population characteristics did not change and are similar to those of the United States. Two major differences, however, have been observed: 1) the rapid growth of the State's minority population which now is twice that of the national rate; and 2) the marriage and divorce rates which both have, during the past decade, substantially dropped lower than the national average.

The New Jersey vital statistics trends over the years have closely paralleled those of the nation as a whole. The gap, however, for births increased during the decade of the 70's indicating a slower annual rate in New Jersey then nationally. Around 1977, a stabilization occurred even though the rate was considerably lower in New Jersey than nationally. Mortality trends present a different picture. In 1960, the State's mortality rate per 1,000 population was less than that of the nation. In 1967, an increase started nationally which in turn pushed the New Jersey rate below that of the nation. While the difference was not great, the rate remained below the national level until 1975 when New Jersey's crude mortality rate exceeded that of the United States. A higher crude mortality rate has continued since that time, producing a steady widening of the gap. Part of the reason for this gap is the proportion of the population aged 65 and above is a larger share of the population in New Jersey: 12.5 percent of New Jersey's population was 65 years or older in 1984 compared to 11.9 percent nationally. In 1980 the elderly represented 11.7 percent of New Jersey's population and 11.3 percent of the nation's population; therefore New Jersey's proportion of elderly is increasing faster than that of the nation.

A closer look at the birth rates in both New Jersey and the United States shows a substantial decline over the past 30 years. Since 1980, however, the birth rate has had a slight increase. The National Rate for 1981 rose to a level of 15.8 and the 1982 rate reached 15.9, then declined to 15.5 in 1983 and rose slightly to 15.7 in 1984. In New Jersey, the 1981 level was 13.0 with the 1982 and 1983 rates both at a level of 13.2, and in 1984 the level rose to 13.4. The birth rate represents the number of births per 1,000 population.

The New Jersey birth rate, at its peak in 1947, reached 23.9 births per 1,000 population. Even with the seesaw effect that occurred, 10 years later the rate dropped only 1.3 to a level of 22.6 by 1957. The downward slide reached 16.8 in 1967 and ten years later in 1976 a low of 12.3 was recorded. The upward push started in 1977 and by 1984 a level of 13.4 per 1,000 population had been attained.

The fertility rate which gives the ratio of live births per 1,000 women between the childbearing age of 15-44 is considered a better indication of actual birth trends.

The fertility rate for New Jersey in 1970, calculated as the number of total live births for women aged 15-44 per 1,000, was 81.2 for the State as compared to 82.6 births per 1,000 for the nation. With the downward trend in population, out-migration and a lower birth rate, it is an obvious calculation that the fertility rate also has to be affected. By 1975 the fertility rate for New Jersey had dropped to 56.6 and the U.S. down to the level of 65.8. In 1980, the New Jersey rate stabilized leveling at 57.0 per 1,000 births. In 1984, a slight movement brought the rate to 57.4. During the same time period (1980 to 1984) the fertility rate in the United States dropped from 68.4 to 66.0.

Perinatal mortality is a composite statistic used to measure the critical period of human development just prior to birth and shortly thereafter. Perinatal mortality, as presented in this report includes fetal deaths plus neonatal deaths (infant deaths under 28 days of age). Since 1947, the start of computing perinatal mortality rate in New Jersey, the rate has decreased by nearly 250 percent, dropping from 41.4 to 16.0 deaths per 1,000 live births plus fetal deaths in 1983. An upturn of 10.6 percent was observed between 1983 and 1984 when the perinatal mortality rate reached 17.7 per 1,000 live births. Over the last twenty-five years maternal deaths have been reduced dramatically and may in the near future be almost entirely eliminated if the present trend continues. Over the last five years (1980 to 1984), however, a slight fluctuation has occurred in the New Jersey rate, registering 0.5, 0.7, 1.1, 0.5, and 1.1 respectively.

Table 6 shows time trends in rates of homicide and suicide, TB cases and deaths and syphilis and gonorrhea cases. Homicide rates have risen sharply in New Jersey over the decades observed (1940 to 1980) from 1.7 per 100,000 population to 7.2. A decrease of 18.9 percent was observed between the 1982 rate of homicide (7.4 per 100,000) and the 1983 rate (6.0 per 100,000). In 1984 the homicide rate was 5.8 per 100,000 population. Suicides also dropped between 1982 and 1983 by 4.9 percent to a rate of 7.7 per 100,000 population, and then increased by 11.7 percent to a rate of 8.6 per 100,000 population in 1984.

TB cases rose by almost 5 percent between 1983 and 1984 to 935. The 1984 case fatality ratio was 74.9 per 1,000 (compared to 62.9 per 1,000 in 1983).

Syphilis* incidence rates in New Jersey decreased from 28.0 per 100,000 in 1983 to 26.9 per 100,000 in 1984 or 4.1 percent and remained below the rate for the nation (of 29.8 in 1984). The gonorrhea incidence rate of 270.8 per 100,000 in 1984 was the lowest it has been in five years, and is far below the national rate of 374.8 in 1984.

Deaths by major cause group can be compared for New Jersey and the United States in 1984 as shown in Table 7. New Jersey's ranking by cause group is the same as that for the nation with the leading causes being heart diseases, malignancies, cerebrovascular diseases and accidents (accounting for 73.7 percent of the deaths in New Jersey). While New Jersey's death rates for heart diseases and malignancies are higher than those for the nation, the reverse is true with respect to accidental deaths.

Table 8 shows time trends in death rates for principal causes of death for single years between 1970 and 1984 and decades since 1940. The death rate for the cardiovascular system reached a new State low of 365.4 in 1984. Death rate for cerebrovascular diseases have remained stable in the last three years. The death rate for the malignant neoplasms cause group has been increasing and reached 221.7 per 100,000 in 1984. Death attributable to accidents dropped by 2.1 percent to 27.9 per 100,000 in 1984.

Table 9 is presented in this series for the second year. It offers a comparison of New Jersey's overall death rate and death rates for principal cause groups with the United States rate age-adjusted to the estimated population in New Jersey for 1984. For example, if the population age-structure in the United States had been the same as New Jersey's age-structure the death rate for the United States in 1984 would have been 906.6 per 100,000 rather than 86.7 per 100,000. The difference between 906.6 and 866.7 can be attributed to the age-structure differences between the two populations, rather then the age-specific death rates. As can be seen, New Jersey's crude death rate of 917.4 per 100,000 is still higher than the United States age-adjusted rate of 906.6 meaning that age-specific death rates are higher in New Jersey's population than nationally. Age-structure accounts for the least difference between United States actual and adjusted-rates for accidents; pneumonia and influenza; septicemia; atherosclerosis; nephritis, nephrotic syndrome and nephrosis; suicide and homicide. New Jersey's cause specific death rates are lower than that for the nation for cerebrovascular diseases; accidents; atherioscelerosis; suicide; and homicide. For two major cause groups - diseases of heart and maligant neoplasms - New Jersey's death rates are higher than that for the nation, even after controlling for age differences.

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*all stages

TABLE-1

VITAL STATISTICS OF THE UNITED STATES
1974-1984

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality
1974	3,159,958	1,934,388	1,225,570	2,229,667	977,000	52,776
1975	3,144,198	1,892,879	1,251,319	2,152,662	1,036,000	50,525
1976	3,167,788	1,909,440	1,258,348	2,154,807	1,083,000	48,265
1977	3,326,632	1,899,597	1,427,035	2,178,367	1,091,000	46,975
1978	3,333,279	1,927,788	1,405,491	2,282,272	1,130,000	45,945
1979	3,494,398	1,913,841	1,580,557	2,331,337	1,181,000	45,665
1980	3,612,258	1,989,841	1,622,417	2,390,252	1,189,000	45,526
1981	3,629,238	1,987,000	1,642,238	2,422,145	1,219,000	42,700
1982	3,704,000	1,986,000	1,718,000	2,495,000	1,180,000	42,770
1983	3,614,000	2,010,000	1,604,000	2,444,000	1,179,000	39,400
1984	3,697,000	2,047,000	1,650,000	2,487,000	1,155,000	39,200

NOTE: Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States.

TABLE-2

VITAL STATISTICS OF THE UNITED STATES
RATES PER 1,000 POPULATION
1974-1984

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality[3]
1974	14.8	9.1	5.7	10.5	4.6	16.7
1975	14.6	8.8	5.8	10.0	4.8	16.1
1976	14.6	8.8	5.8	9.9	5.0	15.2
1977	15.1	8.6	6.5	9.9	5.0	14.1
1978	15.0	8.7	6.3	[2]10.3	5.1	13.8
1979	15.6	8.5	7.1	10.4	5.3	13.1
1980	15.9	8.8	7.1	10.6	5.2	12.6
1981	15.8	8.6	7.2	10.6	5.3	11.9
1982	15.9	8.5	7.4	10.6	5.0	11.5
1983[1]	15.5	8.6	6.9	10.5	5.0	10.9
1984[1]	15.7	8.7	7.0	10.5	4.9	10.6

1) Provisional
2) Beginning with 1978, data include nonlicensed marriages registered in California.
3) Infant mortality rates per 1,000 live births.

TABLE-3

UNITED STATES
AVERAGE LENGTH OF LIFE IN YEARS, BY RACE AND SEX:
SPECIFIED YEARS 1950-1984

	All Races			White			All Others					
							Total			Black		
Year	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	----	----	----
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	----	----	----
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1983	74.7	71.0	78.2	75.2	71.6	78.7	71.3	67.1	75.3	69.7	65.4	74.0
1984	74.7	71.1	78.3	75.3	71.8	78.8	71.3	67.3	75.2	69.7	65.5	73.7

Source: Monthly Vital Statistics Report. Volume 33, No. 13, Suplement (2), September 26, 1985.
Data for 1983 and 1984, based on 10-percent sample of deaths; for all other years, based on final data.

TABLE-4

NEW JERSEY
VITAL STATISTICS SUMMARY
1940-1984

YEAR	BIRTHS NO.	BIRTHS RATE	MARRIAGES NO.	MARRIAGES RATE	DIVORCES NO.	DIVORCES RATE	DEATHS NO.	DEATHS RATE	FERTILITY RATE
1940	59,328	14.3	41,059	9.9	------	----	45,206	10.9	57.0
1950	97,734	20.2	46,291	9.6	------	----	48,837	10.1	86.6
1960	132,594	21.8	39,820	6.6	------	----	59,330	9.8	106.1
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1971	111,376	15.3	56,531	7.8	12,84	1.8	67,680	9.3	74.0
1972	99,050	13.5	58,476	8.0	15,017	2.1	68,865	9.4	65.1
1973	94,024	12.8	59,723	8.1	22,054	3.0	68,631	9.3	61.6
1974	94,242	12.7	56,449	7.6	19,880	2.7	66,797	9.0	61.6
1975	91,457	12.4	53,008	7.2	20,475	2.8	65,422	8.9	56.6
1976	90,549	12.3	51.291	7.0	20,990	2.9	65,276	8.9	55.2
1977	93,786	12.7	50,677	6.9	19,894	2.7	65,646	8.9	58.9
1978	93,356	12.8	52,993	7.2	24,752	3.4	65,161	8.9	58.6
1979	95.672	13.0	54,740	7.5	23,934	3.3	65,495	8.9	60.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1981	96,205	13.0	58,010	7.8	27,852	3.8	67,053	9.0	56.8
1982	98,225	13.2	59,949	8.1	30,322	4.1	67,471	9.1	57.7
1983	98,746	13.2	61,798	8.3	27.923	3.7	68,626	9.2	57.8
1984	100,950	13.4	62,654	8.3	28,470	3.8	68,944	9.2	57.4

NOTE: Rates are expressed as per 1,000 population.
See Technical Notes for fertility rates.

TABLE-5

NEW JERSEY
MORTALITY STATISTICS [1]
1940-1984

	INFANT DEATHS[1]		NEONATAL DEATHS[1]		FETAL DEATHS[1]		PERINATAL DEATHS[2]		MATERNAL DEATHS[3]	
YEAR	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
1940	2,094	35.3	1,422	24.0	1,543	26.0	2,965	48.7	172	29.0
1950	2,445	25.0	1,875	19.2	1,845	18.9	3,720	37.4	76	7.8
1960	3,248	24.5	2,458	18.5	2,201	16.6	4,659	34.6	44	3.3
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1971	2,095	18.8	1,612	14.5	1,441	12.9	3,053	27.1	25	2.2
1972	1,809	18.3	1,394	14.1	1,232	12.4	2,626	26.2	23	2.3
1973	1,644	17.5	1,249	13.3	1,204	12.8	2,453	25.8	16	1.7
1974	1,582	16.8	1,199	12.7	1,071	11.4	2,270	23.8	16	1.7
1975	1,434	15.7	1,042	11.4	941	10.3	1,983	21.5	14	1.5
1976	1,366	15.1	1,034	11.4	1,004	11.1	2,038	22.3	18	2.0
1977	1,355	14.4	1,013	10.8	1,083	11.5	2,096	22.1	13	1.4
1978	1,145	12.3	812	8.7	929	10.0	1,741	18.5	9	1.0
1979	1,223	12.8	873	9.1	931	9.7	1,804	18.7	8	0.8
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1981	1,016	10.6	700	7.3	920	9.6	1,620	16.7	7	0.7
1982	1,153	11.7	800	8.1	1,008	10.3	1,808	18.2	11	1.1
1983	1,115	11.3	755	7.6	839	8.5	1,594	16.0	5	0.5
1984	1,090	10.8	744	7.4	1,062	10.5	1,806	17.7	11	1.1

NOTE:
1) Rates are expressed as per 1,000 live births.
2) Rates represent neonatal deaths plus fetal deaths per 1,000 live births plus fetal deaths.
3) Rates per 10,000 live births.

TABLE-6

NEW JERSEY
VITAL STATISTICS
1940-1984

	HOMICIDES		SUICIDES		TB DEATHS		TB CASES		SYPHILIS		GONORRHEA	
1940	69	1.7	664	15.9	1,825	43.8	3,702	88.9	10,287	247.1	3,066	73.6
1950	116	2.4	605	12.5	1,170	24.02	3,548	73.4	5,768	119.4	3,904	80.8
1960	158	2.6	486	8.0	354	5.8	2,928	40.0	5,273	86.5	5,181	85.0
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1971	458	6.3	570	7.8	217	3.0	2,118	29.2	6,029	83.0	11,480	158.1
1972	499	6.8	617	8.4	166	2.3	1,162	23.1	2,636	36.0	16,658	227.5
1973	523	7.1	609	8.3	184	2.5	1,531	20.8	2,895	39.3	16,206	219.9
1974	513	6.9	572	7.7	161	2.2	1,474	19.9	2,634	35.6	15,294	206.8
1975	520	7.1	612	8.3	122	1.7	1,362	18.5	2,410	32.8	17.261	234.9
1976	405	5.5	577	7.8	112	1.5	1,317	17.9	2,810	29.6	17,708	240.7
1977	414	5.6	643	8.7	104	1.4	1,351	18.4	1,899	25.8	18,837	256.0
1978	406	5.5	563	7.7	104	1.4	1,105	15.1	1,804	24.7	20,221	276.4
1979	490	6.7	572	7.8	74	1.0	1,008	13.7	1,934	26.4	19,548	266.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1981	558	7.5	552	7.4	55	0.7	1,028	13.9	2,096	28.2	22,998	309.9
1982	548	7.4	605	8.1	53	0.7	884	11.9	1,930	26.0	22,665	305.1
1983	447	6.0	572	7.7	56	0.8	891	11.9	2,088	28.0	22,075	295.8
1984	435	5.8	650	8.6	70	0.9	935	12.4	2,006	26.9	20,351	270.8

NOTE:
1) Rates are expressed as per 100,000 population.
2) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

TABLE-7

Death Rates and Percent of Total Deaths for Selected
Causes of Deaths: United States and New Jersey, 1984
(Rates per 100,000 Estimated Population)

Cause of Death (International List Number, 9th Revision)	New Jersey			Provisional United States		
	Number	Rate	Percent	Number	Rate	Percent
TOTAL DEATHS	68,944	917.4	100.0	2,047,000	866.7	100.0
Diseases of heart (390-398, 402, 404-429)	27,460	365.4	39.8	766,130	324.4	37.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	16,662	221.7	24.2	452,470	191.6	22.1
Cerebrovascular diseases (430-438)	4,609	61.3	6.7	155,010	65.6	7.6
Accidents (E800-E949)	2,099	27.9	3.0	94,610	40.1	4.6
Motor vehicle accidents (E810-E825)	925	12.3	1.3	46,380	19.6	2.3
All other accidents and adverse effects (E800-E807, E826-E949)	1,174	15.6	1.7	48,230	20.4	2.4
Pneumonia and Influenza (480-487)	1,959	26.1	2.8	59,020	25.0	2.9
Diabetes Mellitus (250)	1,415	18.8	2.1	36,830	15.6	1.8
Suicide (E950-E959)	650	8.6	0.9	29,060	12.3	1.4
Chronic liver disease and cirrhosis (571)	1,032	13.7	1.5	26,750	11.3	1.3
Atherosclerosis (440)	765	10.2	1.1	24,550	10.4	1.2
Other diseases of arteries, arterioles and capillaries (441-448)	725	9.6	1.1	22,580	9.6	1.1
Bronchitis, emphysema and asthma (490-493)	567	7.5	0.8	20,590	8.7	1.0
Nephritis, nephrotic syndrome and nephrosis (580-589)	818	10.9	1.2	20,050	8.5	1.0
Homicide and legal intervention (E960-E978)	435	5.8	0.6	19,530	8.3	1.0
Septicemia (038)	760	10.1	1.1	15,030	6.4	0.7
All other causes	8,988	119.6	13.0	304,790	129.1	14.9

Source of United States Data: Monthly Vital Statistics Report, Vol. 33, No. 13, September 26, 1985.
Provisional data from the National Center for Health Statistics.

TABLE-8

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
ALL AGES
1940-1984

	Diseases of Heart (390-398, 402, 404-429)		Malignant Neoplasms, Lymphatic and Hematopoietic Tissues (140-208)		Cerebrovascular Diseases (430-438)		Accidents (E800-E949)		Pneumonia and Influenza (480-487)		Diabetes Mellitus (250)		Chronic Liver Diseases and Cirrhosis (571)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	14,942	358.9	------	-----	-----	----	-----	----	-----	----	1,518	36.5	-----	----
1950	------	-----	------	-----	-----	----	-----	----	-----	----	-----	----	-----	----
1960	28,187	429.4	------	-----	-----	----	2,217	36.4	1,840	30.1	1,238	20.3	920	15.1
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1971	29,345	401.8	13,085	179.2	6,262	85.7	3,021	41.4	1,865	25.5	1,524	20.9	1,435	19.6
1972	29,723	402.6	13,616	184.4	6,432	87.1	2,878	39.0	2,018	27.3	1,480	20.1	1,384	18.7
1973	29,167	395.7	14,077	191.0	6,499	88.2	2,995	40.6	1,898	25.7	1,535	20.8	1,400	19.0
1974	28,160	380.1	13,999	188.9	6,351	85.7	2,728	36.8	1,745	23.6	1,449	19.6	1,346	18.2
1975	27,378	368.3	14,377	193.4	5,831	78.4	2,602	35.0	1,616	21.7	1,416	19.0	1,235	16.6
1976	27,613	371.6	14,585	196.3	5,504	74.1	2,520	33.9	1,824	24.5	1,311	17.6	1,267	17.0
1977	27,721	377.2	14,925	203.1	5,393	73.4	2,551	34.7	1,673	22.8	1,300	17.7	1,248	17.0
1978	27,514	374.4	15,119	205.7	5,274	71.8	2,472	33.6	1,621	22.1	1,347	18.3	1,237	16.8
1979	27,778	378.9	15,219	207.6	4,920	67.1	2,634	35.9	1,413	19.3	1,255	17.1	1,089	14.9
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1981	28,164	379.5	15,740	212.1	4,934	66.5	2,544	34.3	1,606	21.6	1,384	18.6	1,131	15.2
1982	28,122	378.6	16,088	216.6	4,661	62.8	2,373	31.9	1,485	20.0	1,248	16.8	1,055	14.2
1983	28,104	376.5	16,480	220.8	4,737	63.5	2,127	28.5	1,692	22.7	1,411	18.9	1,132	15.2
1984	27,460	365.4	16,662	221.7	4,609	61.3	2,099	27.9	1,959	26.1	1,415	18.8	1,032	13.7

NOTE: Rates are expressed as per 100,000 population.

TABLE-8 (CONTINUED)

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
ALL AGES
1940-1984

	Atherosclerosis (440)		Nephritis, Nephrotic Syndrome and Nephrosis (580-589)		Other Diseases of Arteries, Arterioles amd Capillaries (441-448)		Suicide (E950-E959)		Septicemia (038)		Bronchitis, Emphysema and Asthma (490-493)		Homicide and Legal Intervention (E960-E978)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	---	----	---	---	---	----	---	---	---	---	---	----	---	--
1950	---	----	---	---	---	----	664	15.9	---	---	---	----	99	2.4
1960	---	----	---	---	---	----	486	8.0	---	---	---	----	---	---
1970	---	----	---	---	---	----	487	6.8	---	---	894	12.4	158	2.6
1980	813	11.0	670	9.1	642	8.7	576	7.8	---	---	551	7.5	418	5.8
1970	---	----					487	6.8			894	12.4	418	5.8
1971	803	11.0					570	7.8			827	11.3	---	---
1972	831	11.3					617	8.4			831	11.3	484	6.5
1973	795	10.8					609	8.3			844	11.4	523	7.1
1974	749	10.1			871	11.8	572	7.7			735	9.9	513	6.9
1975	758	10.2			810	10.0	612	8.2			664	8.9	520	7.0
1976	713	9.6			824	11.1	577	7.8			651	8.8	405	5.4
1977	645	8.8			865	11.8	643	8.7			592	8.0	414	5.6
1978	659	9.0			835	11.4	563	7.7			527	7.2	406	5.5
1979	742	10.1	529	7.2	624	8.5	572	7.8			513	7.0	---	---
1980	813	11.0	670	9.1	642	8.7	576	7.8			551	7.5	---	---
1981	619	8.3	616	8.3	602	8.1	552	7.4			551	7.4	558	7.5
1982	730	9.8	729	9.8	728	9.8	605	8.1	564	7.6	553	7.4	548	7.4
1983	765	10.2	771	10.3	689	9.2	572	7.7	665	8.9	588	7.9	447	6.0
1984	765	10.2	818	10.9	725	9.6	650	8.6	760	10.1	567	7.5	435	5.8

NOTE: Rates are expressed as per 100,000 population

TABLE-9

COMPARISON OF PRINCIPAL CAUSES OF DEATH RATES PER 100,000 POPULATION FOR NEW JERSEY AND THE UNITED STATES

1984

Cause	New Jersey Crude	United States Age-Adjusted*	United States Crude
Diseases of Heart (390-398, 402, 404-429)	365.4	340.5	324.4
Malignant Neoplasms, Lymphatic and Hematopoietic Tissues (140-208)	221.7	204.8	191.6
Cerebrovascular Diseases (430-438)	61.3	68.3	65.6
Accidents (E800-E949)	27.9	40.4	40.1
Pneumonia and Influenza (480-487)	26.1	25.7	25.0
Diabetes Mellitus (250)	18.8	16.5	15.6
Chronic Liver Diseases and Cirrhosis (571)	13.7	12.3	11.3
Atherosclerosis (440)	10.2	10.6	10.4
Nephritis, Nephrotic Syndrome and Nephrosis (580-589)	10.9	8.8	8.5
Other Diseases of Arteries, Arterioles, and Capillaries (441-448)	9.6	**	9.6
Suicide (E950-E959)	8.6	12.6	12.3
Septicemia (038)	10.1	6.6	6.4
Bronchitis, Emphysema, and Asthma (490-493)	7.5	**	8.7
Homicide and Legal Intervention (E960-E978)	5.8	8.2	8.3
All Causes	917.4	906.6	866.7

*U.S. rate age-adjusted to New Jersey population for 1984.

**U.S.age-specific death rates not available for these cause groups; therefore, age-adjusted rates cannot be computed.

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TAB C

Natality
1984

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Natality
1984

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1984 NATALITY REPORT

INTRODUCTION

This annual Natality statistics report is part of an extended series of publications of similar format on deaths, marriages, abortions, morbidity and population. It is hoped that the user will find the format informative and easy to reference.

Statistics provided herewith are summarized from reported Birth Certificate items filed with the New Jersey State Registrar. The New Jersey vital statistics legislation requires that within five days of birth, the attending physician, midwife, or person acting as midwife, file a Certificate of Birth with the Local Registrar for submission to the State Registrar. Births to New Jersey residents that occurred during the calendar year in other states are recorded in the state of occurrence. This information is, however, forwarded to the New Jersey State Registrar and records are maintained on all New Jersey residents out-of-state births. To maintain confidentiality, individual identifiers are removed prior to tabulation of data for statistical purposes.

STATISTICAL OVERVIEW

Number of Births

Over the years, New Jersey's birthrate trend has closely paralleled that of the United States, though the state's rate has consistently been lower than that of the nation. In 1984, there were 100,950 resident births in New Jersey, the highest annual total since 1972. Births increased by 2.2 percent from the 1983 level of 98,746. Nationally, the number of births for 1984 reached the 3,697,000 level. This provisional level reported by the National Center for Health Statistics, indicates an increase of 2.3 percent for the same period. In 1984, 77,912 births were reported as white and 21,116 as nonwhite with 1,922 of unknown race. White births represented 77.2 of total births, while nonwhite births comprised 20.9 percent. White births indicated an increased 2.5 percent with the nonwhite births moving up 1.1 percent from 1983.

Of the total births in the State, 2.1% or 2,124 were twins with 55 ($<$ 0.1%) being triplicates and others. By far, single births dominated live births in the State of New Jersey, representing 97.8% of all births for the year 1984.

The ratio of male to female births in New Jersey for 1984 was 1,042 male to every 1,000 female births. This male/female ratio was down slightly from the 1983 level of 1,051. Between 1983 and 1984, the male/female ratio for white live births remained declined slightly from 1,060 to 1,043 while nonwhites increased from 1,007 to 1,035 (2.8%).

Birthrate

During 1984, the birthrate in New Jersey rose 0.2 percent to 13.4 live births per 1,000 population. The birthrate is a measure of population increase. Camden County again recorded the highest birthrate (16.1) and Bergen County the lowest (10.3). Other counties with rates above the state rate of 13.3 were: Cumberland and Sussex both at (15.4), Atlantic (14.9), Hudson (14.8), Passaic (14.7), Gloucester (14.5), Essex (14.1), and Mercer (13.9).

Fertility Rate

The most significant demographic factors associated with rising birthrates are the increase in the number of women aged 15-44 years and an increase in the fertility rate. The measure of the rate of childbearing in New Jersey, increasing slightly from last year's level of 56.7 to a rate of 57.4 for 1984, and has fluctuated slightly since 1980, when the fertility rate was also 57.4. While the fertility rate now appears to have leveled off, one cannot lose sight of the fact that a downward trend has occurred in New Jersey; since the early 1970s, the overall fertility rate has dropped by nearly twenty-five percent.

Out-of-Wedlock-Births

The incidence of births out-of-wedlock in 1984 were recorded at approximately one of every 4.5. This 22.3 percent level of births for which illegitimate status was reported appears to have stabilized and has held this level for the last five years. For white women, the percentage of total births classified as illegitimate increased 0.3 percent, while for black women an increase of 1.4 percent was observed. The legitimacy ratio for births to white mothers was 86.9 in 1984 compared to 87.2 in 1983; for black mothers the legitimacy ratio was 35.8 in 1984 and 37.2 in 1983. The percentage levels of illegitimate births attributed to whites and nonwhites has remained about the same, 45.5% and 54.0% respectively, with the balance of 0.5% attributed to unknown.

Women 19 years and under gave birth to 34.5 percent of the children out of wedlock. Fully 75 percent of all births among women in this age group were illegitimate. In the 20-24 year maternal age group, the illegitimate rate increased by 1.7 percent over 1983 to a level of 33.3 percent. For mothers 25 years of age and older the illegitimate level was 9.7 percent. The 25-34 age group recorded 9.9 percent, an increase over 1983 of 0.6 percent.

NEWBORN HEALTH

Birthweight

The median weight group for newborns in New Jersey ranges between 6 lbs. 10 ozs. and 7 lbs. 11 ozs. Of total newborns during 1984, 36.3 percent were between 6 lbs. 10 oz. and 7 lbs. 11 oz. Almost two-thirds, 64.8 percent of the newborns weighed between 6 lbs. 10 ozs. and 8 lbs 13 ozs. The median weight group for newborns has remained the same and not changed during the last decade. The percentage of newborns, however, in the median weight group has declined slightly.

Premature, or low birthweight is defined as newborns weighing 5 lbs. 8 ozs. (2,500 grams) or less. Of all New Jersey resident births for which weight was reported in 1984, 6.9 percent were recorded as low birthweight babies. White births weighing less than 5 lbs. 8 ozs. number 4,391, 5.6 percent of all white births, while nonwhite immature births numbered 2,522, or 11.9 percent of all nonwhite births.

Statistics indicate that births to young mothers under 20 years of age are more likely to be immature. A total of 1,146, or 11.1 percent, of births to teenage mothers in 1984 were immature. Among nonwhite teenage mothers, the percent of births underweight was higher than for white teenage mothers. Underweight births to nonwhite teenage mothers represented 13.8 percent or 660 cases compared to 8.8 percent or 485 cases for births to white teenage mothers.

Previous Pregnancy Terminations

The number of previous pregnancy terminations a woman has had affects the incidence of low birthweight outcomes for subsequent pregnancies. The incidence of low birthweight births to women with no previous pregnancy terminations was 6.6 percent. The percentage of births immature increased, however, with the number of previous terminations. In 1984, the level reached to a high of 15.7 percent of births for women with more than three previous terminations.

Prenatal Care

There is a positive relationship between birthweight and prenatal care. Low birthweight infants are born less frequently to women who begin prenatal care in the first trimester of pregnancy. The rate among this group was 6.3 percent, a decrease over the 7.4 percent observed in 1983. The percentage of immature births among mothers starting care during the second trimester of pregnancy was 8.6 percent up from 5.9 percent in 1983. Among those beginning care in the third trimester, the ratio was 8.9 percent compared to 7.0 percent last year. Those receiving no prenatal care gave birth to low birthweight infants in 29.0 percent of the cases.

Apgar Score

The APGAR Score is a composite measure used to evaluate the newborn infant's general condition. APGAR Scores are given to newborns at one and five minutes after birth. Heart rate, respiratory effort, color, muscle tone, and reflexes are checked and evaluated. Each factor receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of 10 is optimum. Newborns with scores less than 7 are considered distressed and are observed more closely for physical problems during the first days of life. There is a significant relationship between APGAR Score and birthweight, neonatal mortality, and neurological morbidity.

Twenty-nine percent of all newborns in 1984 received five-minute APGAR Scores of 10. Of total births, 93.9 percent were in the 7-10 APGAR Score range. Low APGAR Scores for newborns of nonwhite mothers were a more frequent occurrence than for newborns of white mothers. Among nonwhite births, 2.4 percent had scores less than 7. Only 1.1 percent of white births were in this low score range. When controlled for age of mother, low APGAR Score births were at the highest rate for the 19 or less group followed by teenage mothers and for mothers aged 45 and over. Among births to mothers aged 19 years and under, 1.9 percent had low APGAR Scores, low APGAR scores represented 3.6 percent of births to mothers under age 15, and 3.9 percent of births to women over 45 years of age. The percentage of newborns with low scores was 1.3 percent for mothers aged 20-44.

Low APGAR Score births occurred less frequently to mothers who received prenatal care. Of births among women receiving prenatal care, 1.3 percent were in the 0 to 6 score range. Among mothers receiving no prenatal care, 6.4 percent of births were low-score.

MATERNAL CHARACTERISTICS

Age

The median age group for mothers in 1984 was 25-29 years. Fully one third (34.1%) of all births were to women in this age group. Births to teenage mothers, 19 years and younger, accounted for 10.2 percent of the total, slightly lower than the proportion (of 11.0 percent) in 1983. Teenage deliveries were highest as a percentage of total births in Cumberland (21.4), Camden (19.0), Essex (17.3), Hudson (16.4), and Atlantic (15.7) counties. Bergen had the least (3.3%) proportion of births to teenage mothers, followed by Hunterdon (3.2%) and Burlington (3.3%). Women 35 years of age and older gave birth to 8.0 percent of the newborns. This represented an increase (from the 7.5 percent) of approximately 6.7 percent over 1983.

Race

Of total births, 77,912 (77.2%) were reported as occurring to white mothers and 21,116 (20.9%) to nonwhite mothers. This was approximately the same proportions as in the previous year. Since 1970 the proportion of total births that were nonwhite has increased slightly, about two to three percent, while a comparable decrease has occurred for the proportion of total births that were white. Births of unknown or unrecorded race numbered 1,922 (1.9%).

Prenatal Care History

There were 1,047,341 visits for prenatal care. This level of approximately 10.4 visits per patient, rose slightly and steadily from the 9.9 visits per patient in 1980. For women giving birth in 1984, 79.8 percent began prenatal care in the first trimester of their pregnancies and only 3.0 percent failed to receive care before the third trimester. Approximately 0.8 percent did not receive any prenatal care.

More white mothers began prenatal care in the first trimester than nonwhite mothers and fewer white mothers completed their pregnancies without any prenatal care. Of white mothers, 84.6 percent sought first trimester care. This was an increase of one percent over the 83.8 level for 1983, while nonwhite mothers showed a level of 68.6 percent receiving prenatal care during first trimester up from 65.6 percent in 1983. Nonwhite mothers were almost three times more likely not to receive any prenatal care than white mothers (1.6 percent compared to 0.6 percent). Prenatal care for all age-race groups was lowest for nonwhite teenagers with approximately one-half (53.2%) receiving first trimester care an improvement over the 48.8 percent in 1983 and 2.1 percent not receiving any prenatal care (compared to 3.1 percent in 1983).

First trimester care was lowest for teenage mothers. Approximately one half of the childbearing women in this age group, 5,604 (or 54.4%), received prenatal care from the first trimester of pregnancy. Of the 10,294 teenage mothers, 2.1 percent did not receive any prenatal care and 8.5 percent did not begin prenatal care until the third trimester of pregnancy. This represents a decrease (by 16.5%) of receipt of adequate prenatal care in this age group compared to last year. Data also indicates that attention to prenatal care increases with maternal age. First trimester care was received by 73.7 percent of the women aged 20-24 and 86.1 percent of the women 25 years of age and older.

Educational Trends

Educational level was reported on 94.5 percent of all birth certificates. Data show that over four-fifths, 82.3 percent of mothers were high school graduates and 22.5 percent were college graduates (up from 1983 when the percents were 76.4 and 20.2 respectively). There is an inverse relationship between family size and educational attainment of the mother. Among those who completed high school without further education, 43.9 percent had no previous live births while 7.4 percent had more than 2, and 2.5 percent had more than three. For mothers with some college, and mothers who graduated college, the number with three or more previous live births was lower (1.5% compared to 5.1% in 1982). For those with some college, (13.8%) had two previous live births, 4.4 percent had three, and 2.1 percent had more than three. Mothers who had not earned a high school diploma had the largest number of previous live births. Mothers in this group gave birth to 16.7 percent of all newborns, but comprised 28.0 percent of mothers with three previous live births and over one-third (39.7%) of those with more than three previous live births.

Attendant at Birth

A physician was in attendance at 97.3 percent of all resident births, while midwives attended 2.5 percent of all resident births. Data indicates a steady rise in midwife attendance, up over 1980 by 35.2 percent. Births to white mothers assisted by midwives increased substantially (by 14.7%) over the last year compared to the increase of 3.1 percent among nonwhite mothers assisted by midwives. Midwives attended 1,621 white births, 810 black births, and 38 births to other races.

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RESIDENT BIRTHS

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TABLE 1

RESIDENT BIRTHS BY AGE AND LEGITIMACY 1970-1984

						Legitimacy					
	Total Births		Race			Legitimate		Illegitimate		Unknown	
Year	Number	Rate	White	Nonwhite	Unknown	Number	Ratio	Number	Ratio	Number	Ratio
1970	120,168	16.7	96,352	22,260	1,556	107,070	89.1	13,098	10.9		
1971	111,376	15.3	89,385	21,456	535	98,502	88.4	12,874	11.6		
1972	99,050	13.5	79,024	20,018	8	86,240	87.1	12,805	12.9	5	-
1973	94,024	12.8	74,108	19,190	726	80,493	85.6	13,526	14.4	5	-
1974	94,242	12.7	74,131	18,485	1,626	80,409	85.3	13,825	14.7	8	-
1975	91,457	12.4	71,579	18,248	1,630	77,119	84.3	14,333	15.7	5	-
1976	90,549	12.3	70,457	18,611	1,481	75,428	83.3	15,115	16.7	6	-
1977	93,786	12.7	72,944	19,249	1,593	77,258	82.4	16,524	17.6	4	-
1978	93,356	12.8	71,637	20,128	1,591	75,048	80.4	18,273	19.6	35	-
1979	95,672	13.0	73,534	20,373	1,765	76,226	79.7	19,411	20.3	35	-
1980	96,438	13.1	73,982	20,886	1,570	76,033	78.8	20,371	21.1	34	-
1981	96,205	13.0	74,086	20,416	1,703	75,872	78.9	20,297	21.1	36	-
1982	98,225	13.2	75,737	20,763	1,725	76,847	78.2	21,354	21.7	24	-
1983	98,746	13.2	76,023	20,885	1,838	77,060	78.0	21,663	21.9	23	-
1984	100,950	13.4	77,912	21,116	1,922	78,445	77.7	22,437	22.2	68	0.1

10/2/85

TABLE 2

RESIDENT BIRTHS BY AGE, RACE, SEX
1984

AGE OF MOTHER	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
14 OR LESS	276	149	127	80	46	34	193	102	91	1	0	1	2	1	1
15	574	289	285	215	107	108	354	179	175	5	3	2	0	0	0
16	1196	630	566	526	281	245	658	342	316	8	4	4	4	3	1
17	1857	937	920	946	494	452	894	436	458	13	6	7	4	1	3
18	2779	1430	1349	1569	808	761	1186	610	576	19	9	10	5	3	2
19	3612	1873	1738	2151	1096	1054	1422	768	654	23	8	15	16	1	15
20-24	24991	12725	12266	18199	9294	8905	6214	3141	3073	340	166	174	238	124	114
25-29	34416	17663	16753	28403	14565	13838	4448	2276	2172	931	484	447	634	338	296
30-34	23129	11650	11478	19314	9753	9560	2348	1141	1207	786	406	380	681	350	331
35-39	7129	3653	3476	5749	2946	2803	814	423	391	271	137	134	295	147	148
40-44	944	473	471	724	364	360	141	75	66	37	18	19	42	16	26
45 OR MORE	26	17	9	21	13	8	5	4	1	0	0	0	0	0	0
UNKNOWN	21	11	10	15	8	7	5	3	2	0	0	0	1	0	1
TOTAL	100950	51500	49448	77912	39775	38135	18682	9500	9182	2434	1241	1193	1922	984	938

T = TOTAL M = MALE F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE 3

RESIDENT BIRTHS BY LEGITIMACY, AND AGE OF MOTHER
1984

AGE OF MOTHER	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
14 OR LESS	276	6	5	1	0	0	270	75	192	1	2	0
15-19	10018	2538	2235	257	30	16	7470	3167	4254	38	11	10
20-24	24991	16646	14386	1763	290	207	8329	3801	4449	50	29	16
25-34	57545	51812	44916	3967	1677	1252	5702	2783	2828	38	53	31
35-44	8073	7410	6092	696	302	320	656	378	259	6	13	7
45 OR MORE	26	18	16	2	0	0	6	4	2	0	0	2
UNKNOWN	21	15	13	2	0	0	4	1	3	0	0	2
TOTAL	100950	78445	67663	6688	2299	1795	22437	10209	11987	133	108	68

TABLE 4

RESIDENT BIRTHS -- MONTH OF PREGNANCY PRENATAL CARE BEGAN BY AGE OF MOTHER AND RACE

1984

AGE OF MOTHER	RACE	TOTAL	MONTH OF PREGNANCY PRENATAL CARE BEGAN										
			1	2	3	4	5	6	7	8	9	UNKN	NONE
14 OR LESS	WHITE	80	2	11	26	7	11	6	2	1	3	4	7
	BLACK	193	8	21	44	22	34	32	10	5	3	6	8
	OTHER	1	0	1	0	0	0	0	0	0	0	0	0
	UNKNOWN	2	0	0	0	0	1	1	0	0	0	0	0
15-19	WHITE	5407	400	1197	1424	778	560	384	281	149	46	80	108
	BLACK	4514	367	787	1275	629	542	344	208	113	49	107	93
	OTHER	68	9	9	21	7	11	6	2	3	0	0	0
	UNKNOWN	29	0	0	2	0	0	0	0	0	0	27	0
20-24	WHITE	18199	2718	6980	4412	1562	894	617	372	231	71	184	158
	BLACK	6214	775	1588	1685	714	502	322	216	126	47	106	133
	OTHER	340	51	143	66	26	19	10	10	6	3	3	3
	UNKNOWN	238	2	7	3	3	1	1	0	0	0	221	0
25-34	WHITE	47717	10125	23252	9641	2136	890	525	353	187	85	387	136
	BLACK	6796	1070	2231	1893	618	362	189	142	74	29	89	99
	OTHER	1717	345	744	387	96	65	27	17	13	4	17	2
	UNKNOWN	1315	7	64	16	1	1	0	1	0	1	1223	1
35-44	WHITE	6473	1317	2972	1420	335	153	89	51	28	5	69	34
	BLACK	955	148	333	268	75	49	23	18	10	7	16	8
	OTHER	308	65	129	67	24	5	4	4	1	0	8	1
	UNKNOWN	337	1	7	5	0	0	0	0	0	0	324	0
45 OR MORE	WHITE	21	1	6	5	1	5	2	0	0	0	1	0
	BLACK	5	0	2	3	0	0	0	0	0	0	0	0
UNKNOWN	WHITE	15	1	8	5	1	0	0	0	0	0	0	0
	BLACK	5	0	0	0	1	0	0	0	1	0	3	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	1	0
TOTAL		100950	17412	40492	22668	7036	4105	2582	1687	948	353	2876	791

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE 5

RESIDENT BIRTHS -- BIRTH WEIGHT GROUPS, BY AGE AND RACE
1984

AGE OF MOTHER	RACE	TOTAL BIRTHS	BIRTH WEIGHT GROUPS A	B	C	D	E	F	G	H	I	J	K
14 OR LESS	WHITE	80	0	0	5	11	34	15	7	7	0	1	0
	BLACK	193	0	1	4	30	75	44	24	6	4	5	0
	OTHER	1	0	0	0	0	1	0	0	0	0	0	0
	UNKNOWN	2	0	0	0	1	0	0	0	0	1	0	0
15-19	WHITE	5407	9	56	346	1384	2110	1030	297	94	42	37	2
	BLACK	4514	2	12	140	749	1773	1222	392	113	53	57	1
	OTHER	68	0	1	3	14	24	20	5	1	0	0	0
	UNKNOWN	29	0	0	0	2	0	1	0	0	0	0	26
20-24	WHITE	18199	30	287	1635	5391	6916	2811	704	199	102	109	15
	BLACK	6214	4	24	222	1205	2416	1558	479	144	79	78	5
	OTHER	340	1	4	11	73	147	79	18	3	1	1	2
	UNKNOWN	238	0	0	1	8	6	2	2	0	0	0	219
25-34	WHITE	47717	117	1048	5021	15592	17195	6318	1550	455	200	197	24
	BLACK	6796	11	72	361	1459	2554	1527	474	170	76	84	8
	OTHER	1717	0	8	79	419	735	374	63	18	11	7	3
	UNKNOWN	1315	0	1	8	28	38	11	7	0	0	0	1222
35-44	WHITE	6473	21	194	786	2077	2182	821	256	69	33	30	4
	BLACK	955	6	9	76	234	319	181	68	35	17	10	0
	OTHER	308	0	2	18	97	109	57	14	8	2	1	0
	UNKNOWN	337	0	1	1	4	7	0	0	0	0	1	323
45 OR MORE	WHITE	21	0	0	4	5	8	1	2	0	0	0	1
	BLACK	5	0	1	0	1	3	0	0	0	0	0	0
UNKNOWN	WHITE	15	0	0	0	4	9	0	1	0	0	0	1
	BLACK	5	0	0	2	0	1	1	0	1	0	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	1	0	0	0
TOTAL		100950	201	1721	8723	28788	36662	16073	4363	1324	621	618	1856

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE 6

RESIDENT BIRTHS -- APGAR SCORE (5 MINUTES)
1984

AGE OF MOTHER	RACE	TOTAL	APGAR SCORE (5 MINUTES)											
			0	1	2	3	4	5	6	7	8	9	10	UNKN
14 OR LESS	WHITE	80	1	0	0	0	1	0	0	2	6	54	14	2
	BLACK	193	0	0	1	1	3	1	2	5	17	119	38	6
	OTHER	1	0	0	0	0	0	0	0	0	0	1	0	0
	UNKNOWN	2	0	0	0	0	0	0	0	1	1	0	0	0
15-19	WHITE	5407	0	12	10	6	7	19	27	76	347	3298	1670	135
	BLACK	4514	10	11	8	9	10	22	34	109	355	2965	897	84
	OTHER	68	0	0	0	0	0	2	0	1	4	36	24	1
	UNKNOWN	29	0	0	0	0	0	0	0	0	1	2	0	26
20-24	WHITE	18199	8	45	25	18	27	42	85	214	965	10791	5437	542
	BLACK	6214	16	22	11	10	19	29	52	102	438	3961	1442	112
	OTHER	340	0	0	0	0	1	1	1	3	20	195	115	4
	UNKNOWN	238	0	0	0	0	0	0	0	0	1	12	3	222
25-34	WHITE	47717	16	66	33	48	59	96	153	401	2242	27828	14835	1940
	BLACK	6796	16	18	19	12	25	31	58	111	468	4246	1607	185
	OTHER	1717	0	4	2	0	1	5	6	10	74	912	672	31
	UNKNOWN	1315	0	1	0	0	0	1	1	0	8	50	32	1222
35-44	WHITE	6473	6	12	4	8	8	11	30	79	323	3781	1898	313
	BLACK	955	3	3	1	1	0	4	9	24	65	583	236	26
	OTHER	308	0	1	0	0	0	0	4	4	11	174	107	7
	UNKNOWN	337	0	0	0	0	0	0	0	0	1	10	3	323
45 OR MORE	WHITE	21	0	0	0	0	0	0	0	0	1	12	7	1
	BLACK	5	0	0	0	0	0	1	0	0	1	2	1	0
UNKNOWN	WHITE	15	0	0	0	0	0	0	0	0	1	7	4	3
	BLACK	5	0	0	0	0	0	0	0	0	0	5	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL		100950	76	195	114	113	161	265	462	1142	5350	59044	28842	5186

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE 7

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE (5 MINUTES)
1984

AGE OF MOTHER	TOTAL BIRTHS	BIRTH WEIGHT 5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES) 0-6	7-10	UNKN.
14 OR LESS	276	55	221	0	10	258	8
15-19	10018	1091	8898	29	187	9585	246
20-24	24991	1919	22831	241	412	23699	880
25-34	57545	3312	52976	1257	671	53496	3378
35-44	8073	544	7202	327	105	7299	669
45 OR MORE	26	2	23	1	1	24	1
UNKNOWN	21	3	17	1	0	17	4
TOTAL	100950	6926	92168	1856	1386	94378	5186

TABLE 8

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE (5 MINUTES) 1984

		BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
RACE	TOTAL BIRTHS	5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	UNKN.
WHITE	77912	4392	73473	47	883	74093	2936
BLACK	18682	2369	16299	14	472	17797	413
OTHER	2434	153	2276	5	28	2363	43
UNKNOWN	1922	12	120	1790	3	125	1794
TOTAL	100950	6926	92168	1856	1386	94378	5186

TABLE 9

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE (5 MINUTES) 1984

MONTH CARE BEGAN	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	UNKN.
1	17412	1060	16341	11	241	16563	608
2	40492	2309	38164	19	477	38788	1227
3	22668	1669	20980	19	291	21750	627
4	7036	561	6470	5	116	6701	219
5	4105	377	3726	2	78	3930	97
6	2582	235	2343	4	45	2476	61
7	1687	156	1530	1	22	1623	42
8	948	73	875	0	14	897	37
9	353	37	316	0	9	333	11
NO CARE	791	229	560	2	51	656	84
UNKNOWN	2876	220	863	1793	42	661	2173
TOTAL	100950	6926	92168	1856	1386	94378	5186

TABLE 10

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY PREVIOUS NUMBER OF PREGNANCY TERMINATIONS

1984

NUMBER OF PREVIOUS TERMINATIONS	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	1-6	7-10	UNKN.
0	74331	4891	69392	48	1002	72823	506
1	15487	1137	14345	5	226	15156	105
2	4557	383	4169	5	96	4428	33
3	1295	148	1146	1	34	1250	11
OVER 3	592	93	499	0	25	562	5
UNKNOWN	4688	274	2617	1797	3	159	4526
TOTAL	100950	6926	92168	1856	1386	94378	5186

TABLE 11

RESIDENT BIRTHS -- BY AGE OF MOTHER
BY PREVIOUS NUMBER OF LIVE BIRTHS
1984

AGE OF MOTHER	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS 0	1	2	3	OVER 3	UNKN.
14 OR LESS	276	266	6	1	0	0	3
15 - 19	10018	7672	1786	326	55	14	165
20 - 24	24991	13038	7568	2617	751	269	748
25 - 29	34416	14322	11738	4653	1400	677	1626
30 - 34	23129	6286	8450	4547	1556	834	1456
35 - 39	7129	1343	2147	1647	788	670	534
40 OR MORE	970	154	166	197	138	234	81
UNKNOWN	21	9	5	2	0	1	4
TOTAL	100950	43090	31866	13990	4688	2699	4617

TABLE 12
RESIDENT BIRTHS OF THE STATE OF NEW JERSEY BY EDUCATIONAL LEVEL OF MOTHER, BY PREVIOUS NUMBER OF LIVE BIRTHS
1984

Educational Level of Mother	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS					
		0	1	2	3	OVER 3	UNKN.
Grammar School	3,475	1,173	934	676	360	328	4
Some High School	13,377	5,813	3,659	2,215	937	727	21
High School Graduate	39,852	17,505	13,382	5,984	1,938	1,006	37
Some College	17,270	7,274	5,886	2,382	756	357	15
College Graduate	21,423	10,193	7,725	2,609	642	237	17
Unknown	5,553	527	280	124	55	44	4,523
Total	100,950	43,090	31,866	13,990	4,688	2,699	4,617

TABLE-13

RESIDENT BIRTHS -- BY RACE AND SEX
1984

COUNTY OF RESIDENCE	TOTAL T	TOTAL M	TOTAL F	WHITE T	WHITE M	WHITE F	BLACK T	BLACK M	BLACK F	OTHER T	OTHER M	OTHER F	UNKNOWN T	UNKNOWN M	UNKNOWN F
ATLANTIC	2984	1511	1473	2178	1109	1069	753	370	383	50	29	21	3	3	0
BERGEN	9085	4674	4410	7546	3856	3689	431	224	207	402	217	185	706	377	329
BURLINGTON	4831	2449	2382	4052	2062	1990	676	335	341	97	47	50	6	5	1
CAMDEN	7805	3911	3894	6069	3067	3002	1606	779	827	129	65	64	1	0	1
CAPE MAY	1159	585	574	1058	538	520	90	41	49	10	5	5	1	1	0
CUMBERLAND	2062	1067	995	1586	833	753	461	231	230	14	2	12	1	1	0
ESSEX	11904	6074	5830	5541	2781	2760	5996	3112	2884	192	99	93	175	82	93
GLOUCESTER	2988	1525	1463	2652	1358	1294	317	158	159	18	9	9	1	0	1
HUDSON	8278	4212	4066	5698	2927	2771	1822	915	907	411	198	213	347	172	175
HUNTERDON	1194	589	605	1171	579	592	9	4	5	11	4	7	3	2	1
MERCER	4375	2211	2164	3024	1521	1503	1217	622	595	119	61	58	15	7	8
MIDDLESEX	7927	4103	3824	6776	3498	3278	699	359	340	318	170	148	134	76	58
MONMOUTH	6669	3398	3271	5650	2889	2761	800	408	392	84	46	38	135	55	80
MORRIS	5074	2596	2478	4666	2382	2284	148	71	77	177	99	78	83	44	39
OCEAN	4787	2439	2348	4417	2260	2157	223	104	119	30	13	17	117	62	55
PASSAIC	6739	3496	3243	5172	2682	2490	1413	748	665	96	40	56	58	26	32
SALEM	868	445	423	669	347	322	186	93	93	10	4	6	3	1	2
SOMERSET	2509	1287	1222	2219	1132	1087	188	98	90	77	44	33	25	13	12
SUSSEX	1832	913	919	1800	898	902	8	7	1	11	3	8	13	5	8
UNION	6141	3082	3058	4450	2250	2199	1468	724	744	135	61	74	88	47	41
WARREN	1139	603	536	1116	589	527	12	7	5	7	5	2	4	2	2
STATE INST	11	4	7	3	1	2	7	2	5	0	0	0	1	1	0
MILITARY	589	326	263	399	216	183	152	88	64	36	20	16	2	2	0
TOTAL	100950	51500	49448	77912	39775	38135	18682	9500	9182	2434	1241	1193	1922	984	938

T = TOTAL   M = MALE   F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-14

RESIDENT BIRTHS -- BY LEGITIMACY AND RACE
1984

COUNTY OF RESIDENCE	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
ATLANTIC	2984	2002	1747	218	35	2	981	430	535	15	1	1
BERGEN	9085	8520	7191	258	393	678	555	352	173	9	21	10
BURLINGTON	4831	4064	3584	383	91	6	767	468	293	6	0	0
CAMDEN	7805	5484	4925	454	104	1	2321	1144	1152	25	0	0
CAPE MAY	1159	933	896	28	9	0	224	160	62	1	1	2
CUMBERLAND	2062	1244	1128	104	12	0	818	458	357	2	1	0
ESSEX	11904	6687	4454	1899	176	158	5215	1086	4096	16	17	2
GLOUCESTER	2988	2436	2292	127	17	0	550	358	190	1	1	2
HUDSON	8278	5832	4433	701	391	307	2435	1259	1119	19	38	11
HUNTERDON	1194	1113	1095	4	11	3	81	76	5	0	0	0
MERCER	4375	3023	2555	343	112	13	1349	467	873	7	2	3
MIDDLESEX	7927	6907	6100	363	314	130	1016	673	336	4	3	4
MONMOUTH	6669	5563	5074	283	81	125	1095	570	517	3	5	11
MORRIS	5074	4745	4400	90	177	78	325	263	58	0	4	4
OCEAN	4787	4113	3894	75	28	116	670	519	148	2	1	4
PASSAIC	6739	4810	4249	423	86	52	1922	920	988	10	4	7
SALEM	868	627	557	59	9	2	241	112	127	1	1	0
SOMERSET	2509	2261	2065	97	75	24	248	154	91	2	1	0
SUSSEX	1832	1672	1644	7	10	11	158	155	1	1	1	2
UNION	6141	4858	4014	633	127	84	1280	435	834	7	4	3
WARREN	1139	994	979	6	6	3	143	135	6	1	1	2
STATE INST	11	1	1	0	0	0	10	2	7	0	1	0
MILITARY	589	556	386	133	35	2	33	13	19	1	0	0
TOTAL	100950	78445	67663	6688	2299	1795	22437	10209	11987	133	108	68

TABLE-15

RESIDENT BIRTHS -- BY AGE OF MOTHER
1984

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER 14 OR LESS	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	UNK
ATLANTIC	2984	11	27	61	79	123	166	928	922	499	148	18	0	2
BERGEN	9085	5	10	19	28	66	112	1397	3523	2877	930	116	2	0
BURLINGTON	4831	8	13	43	76	139	161	1315	1730	1005	304	36	0	1
CAMDEN	7805	32	58	129	206	244	370	2249	2557	1510	396	53	0	1
CAPE MAY	1159	1	6	11	16	32	48	390	386	206	55	7	0	1
CUMBERLAND	2062	14	32	65	80	102	148	699	582	258	73	9	0	0
ESSEX	11904	71	127	268	420	533	634	3255	3359	2273	844	118	2	0
GLOUCESTER	2988	4	14	25	62	79	100	829	1074	630	154	17	0	0
HUDSON	8278	29	68	116	184	304	353	2405	2620	1535	548	108	5	3
HUNTERDON	1194	0	0	6	7	8	17	227	422	383	112	12	0	0
MERCER	4375	25	41	77	106	153	187	1088	1413	974	278	30	2	1
MIDDLESEX	7927	4	20	46	89	142	195	1795	3052	1943	578	60	0	3
MONMOUTH	6669	13	35	54	88	145	194	1424	2359	1736	540	78	1	2
MORRIS	5074	1	4	11	21	43	68	837	1869	1658	515	41	5	1
OCEAN	4787	6	18	35	64	123	164	1298	1696	1050	296	36	0	1
PASSAIC	6739	33	59	124	174	251	316	1785	2231	1297	399	66	4	0
SALEM	868	4	5	15	17	35	45	314	287	117	26	2	0	1
SOMERSET	2509	0	5	9	19	37	44	475	914	757	214	32	3	0
SUSSEX	1832	1	2	2	10	29	28	341	727	534	141	17	0	0
UNION	6141	12	22	70	99	154	183	1392	2061	1571	500	74	0	3
WARREN	1139	2	5	8	10	29	50	312	416	230	65	10	1	1
STATE INST	11	0	1	0	0	0	0	5	3	0	1	1	0	0
MILITARY	589	0	2	2	2	8	29	231	213	86	12	3	1	0
TOTAL	100950	276	574	1196	1857	2779	3612	24991	34416	23129	7129	944	26	21

TABLE-16

RESIDENT BIRTHS -- BY MONTH OF PREGNANCY PRENATAL CARE BEGAN
1984

COUNTY OF RESIDENCE	NUMBER OF VISITS		NO PREN CARE	MONTH OF PREGNANCY PRENATAL CARE BEGAN									
	TOTAL	UNKN		1	2	3	4	5	6	7	8	9	UNKN
Atlantic	29,408	33	19	253	920	757	378	255	165	98	71	26	42
Bergen	98,979	710	31	2,208	4,000	1,513	291	147	76	64	27	22	706
Burlington	49,111	136	25	863	1,961	1,056	336	207	132	72	41	17	121
Camden	77,762	213	91	1,151	2,928	1,764	755	429	230	186	74	20	177
Cape May	11,541	16	15	45	415	332	146	88	56	36	14	3	9
Cumberland	18,158	28	17	123	537	507	310	203	144	85	44	20	72
Essex	119,107	206	147	1,880	4,346	3,243	821	519	299	190	88	37	334
Gloucester	31,959	62	20	442	1,234	708	237	120	84	45	36	8	54
Hudson	80,914	628	132	1,469	2,971	1,433	652	486	287	187	104	34	523
Hunterdon	12,769	6	6	92	542	406	63	33	14	15	10	4	9
Mercer	46,640	71	33	989	1,687	854	321	178	115	74	35	19	70
Middlesex	87,765	151	49	1,717	3,434	1,470	499	239	173	116	63	24	143
Monmouth	71,187	151	42	1,012	2,448	2,276	336	151	103	81	51	19	150
Morris	57,943	61	11	1,052	2,809	743	183	90	57	45	20	8	56
Ocean	49,307	143	44	703	1,967	1,065	353	205	150	80	57	23	140
Passaic	66,816	108	33	1,142	2,495	1,838	495	302	180	90	59	23	82
Salem	8,638	8	9	209	307	185	79	31	17	11	8	6	6
Somerset	28,405	26	3	521	1,225	506	115	49	28	25	12	3	22
Sussex	19,685	20	16	286	1,008	293	86	26	33	27	25	8	24
Union	63,507	119	44	1,053	2,519	1,226	457	274	208	136	86	21	117
Warren	12,354	11	3	158	554	249	78	47	14	9	11	5	11
State Inst.	61	1	0	0	1	3	2	1	0	2	0	0	2
Military	5,325	7	1	44	184	241	43	25	17	13	12	3	6
Total	1,047,341	2,915	791	17,412	40,492	22,668	7,036	4,105	2,582	1,687	948	353	2,876

TABLE-17

RESIDENT BIRTHS -- BY BIRTH WEIGHT GROUPS
1984

COUNTY OF RESIDENCE	TOTAL BIRTHS	BIRTH WEIGHT GROUPS A	B	C	D	E	F	G	H	I	J	K
ATLANTIC	2984	6	56	291	845	1081	487	141	30	21	22	4
BERGEN	9085	22	184	855	2615	3175	1137	295	69	39	16	678
BURLINGTON	4831	16	90	502	1491	1746	674	206	45	22	27	12
CAMDEN	7805	13	141	656	2260	2826	1290	380	126	48	60	5
CAPE MAY	1159	2	24	131	365	413	149	41	14	2	12	6
CUMBERLAND	2062	6	31	178	540	785	362	91	29	19	21	0
ESSEX	11904	16	121	725	2831	4441	2451	703	211	117	119	169
GLOUCESTER	2988	5	70	316	918	1066	436	101	33	23	16	4
HUDSON	8278	10	94	540	2033	3037	1555	441	124	47	49	348
HUNTERDON	1194	3	33	145	428	397	135	30	12	1	4	6
MERCER	4375	10	62	353	1233	1620	755	197	74	31	25	15
MIDDLESEX	7927	18	148	714	2333	2886	1194	312	96	59	38	129
MONMOUTH	6669	20	139	605	2005	2386	961	273	74	38	31	137
MORRIS	5074	8	96	555	1652	1797	655	146	65	19	36	45
OCEAN	4787	14	98	437	1451	1711	702	164	45	20	25	120
PASSAIC	6739	9	90	492	1870	2482	1208	335	109	48	39	57
SALEM	868	1	12	73	265	327	129	36	9	5	9	2
SOMERSET	2509	5	51	264	758	942	343	76	28	11	12	19
SUSSEX	1832	4	45	191	604	644	233	60	22	9	8	12
UNION	6141	12	103	519	1732	2300	963	266	87	35	43	81
WARREN	1139	0	24	121	383	374	168	44	13	4	4	4
STATE INST	11	0	0	0	2	3	4	1	1	0	0	0
MILITARY	589	1	9	60	174	223	82	24	8	3	2	3
TOTAL	100950	201	1721	8723	28788	36662	16073	4363	1324	621	618	1856

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE-18

RESIDENT BIRTHS -- BY APGAR SCORE (5 MINUTES)

1984

COUNTY OF RESIDENCE	TOTAL	APGAR SCORE (5 MINUTES) 0	1	2	3	4	5	6	7	8	9	10	UNKN.
ATLANTIC	2984	2	4	4	0	12	5	12	21	153	1712	964	95
BERGEN	9085	2	11	4	6	5	12	20	72	238	2891	4984	840
BURLINGTON	6831	3	12	8	7	7	10	25	53	299	2803	1172	432
CAMDEN	7805	2	21	11	15	18	32	40	102	537	5019	1097	911
CAPE MAY	1159	0	1	1	1	3	4	4	10	21	427	654	33
CUMBERLAND	2062	3	6	5	4	7	6	10	29	124	1192	615	61
ESSEX	11904	30	25	16	15	18	42	89	195	763	7696	2727	288
GLOUCESTER	2988	1	8	5	5	6	8	11	21	144	1538	901	340
HUDSON	8278	6	11	9	5	14	24	41	98	351	3905	3409	405
HUNTERDON	1194	0	1	0	2	1	2	6	6	83	765	258	70
MERCER	4375	4	10	7	8	8	17	21	65	214	2419	1479	123
MIDDLESEX	7927	6	17	4	6	13	20	39	93	504	5232	1811	182
MONMOUTH	6669	3	9	3	5	4	11	24	57	260	4857	1085	351
MORRIS	5074	1	17	6	8	1	13	11	39	341	3074	1484	79
OCEAN	4787	2	5	4	5	2	8	16	46	205	3153	1151	190
PASSAIC	6739	3	13	7	9	19	23	39	89	420	4079	1909	129
SALEM	868	2	2	1	1	1	1	2	5	23	360	273	197
SOMERSET	2509	2	3	3	1	6	7	10	34	185	1680	543	35
SUSSEX	1832	0	8	4	2	0	2	1	11	83	1006	581	134
UNION	6141	3	11	8	6	14	13	37	73	318	4478	1061	119
WARREN	1139	1	0	4	1	1	2	1	14	49	361	543	162
STATE INST	11	0	0	0	0	1	0	0	0	0	2	7	1
MILITARY	589	0	0	0	1	0	3	3	9	35	395	134	9
TOTAL	103950	76	195	114	113	161	265	462	1142	5350	59044	28842	5186

TABLE-19

RESIDENT BIRTHS -- BY ATTENDANT AND RACE
1984

		ATTENDANT															
		PHYSICIAN				MIDWIFE				OTHER				UNKNOWN			
COUNTY OF RESIDENCE	TOTAL BIRTHS	TOTAL	WHITE	BLACK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH
ATLANTIC	2984	2713*	2021	648	41	265	152	105	8	6	5	0	1	0	0	0	0
BERGEN	9085	8998*	7473	429	402	75*	64	1	0	11*	9	1	0	1*	0	0	0
BURLINGTON	4831	4788*	4024	661	97	27	20	7	0	16	8	8	0	0	0	0	0
CAMDEN	7805	7713*	5987	1597	128	70	66	3	1	22	16	6	0	0	0	0	0
CAPE MAY	1159	1142*	1041	90	10	16	16	0	0	1	1	0	0	0	0	0	0
CUMBERLAND	2062	1802*	1388	399	14	259	198	61	0	1	0	1	0	0	0	0	0
ESSEX	11904	11422*	5440	5622	190	439*	90	343	1	43	11	31	1	0	0	0	0
GLOUCESTER	2988	2918*	2594	305	18	61	51	10	0	9	7	2	0	0	0	0	0
HUDSON	8278	7904*	5482	1687	400	365*	211	133	10	8	5	2	1	1*	0	0	0
HUNTERDON	1194	1174*	1151	9	11	11	11	0	0	9	9	0	0	0	0	0	0
MERCER	4375	4231*	2959	1142	115	129	58	67	4	15	7	8	0	0	0	0	0
MIDDLESEX	7927	7865*	6717	698	317	46*	44	1	0	16	15	0	1	0	0	0	0
MONMOUTH	6669	6619*	5605	797	84	31*	30	0	0	17	14	3	0	2*	1	0	0
MORRIS	5074	4702*	4318	138	165	357*	335	9	11	14	12	1	1	1	1	0	0
OCEAN	4787	4758*	4394	220	30	17*	13	1	0	12	10	2	0	0	0	0	0
PASSAIC	6739	6675*	5127	1396	95	41	29	11	1	21*	14	6	0	2	2	0	0
SALEM	868	857*	659	185	10	9	8	1	0	1	1	0	0	1	1	0	0
SOMERSET	2509	2487*	2197	188	77	17	17	0	0	5	5	0	0	0	0	0	0
SUSSEX	1832	1741*	1712	8	11	84*	83	0	0	6*	5	0	0	1*	0	0	0
UNION	6141	5955*	4333	1402	133	167*	107	57	2	18	9	9	0	1	1	0	0
WARREN	1139	1120*	1098	12	7	18*	17	0	0	1	1	0	0	0	0	0	0
STATE INST	11	10*	2	7	0	0	0	0	0	1	1	0	0	0	0	0	0
MILITARY	589	588*	398	152	36	1	1	0	0	0	0	0	0	0	0	0	0
TOTAL	100950	98182	76120	17792	2391	2505	1621	810	38	253	165	80	5	10	6	0	0

* TOTAL INCLUDES BIRTHS UNKNOWN AS TO RACE

TABLE-20

RESIDENT BIRTHS BY MONTH
1984

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	2984	266	222	216	221	233	231	275	254	288	272	252	254	0
BERGEN	9085	703	649	788	728	798	806	831	778	815	776	689	724	0
BURLINGTON	4831	387	395	445	371	370	393	413	450	424	415	417	351	0
CAMDEN	7805	583	623	667	583	660	665	722	780	658	621	637	606	0
CAPE MAY	1159	92	103	79	91	96	87	111	109	81	99	104	107	0
CUMBERLAND	2062	153	174	161	162	151	165	212	180	174	208	160	162	0
ESSEX	11904	999	950	981	894	998	992	1078	1064	1040	1019	948	941	0
GLOUCESTER	2988	204	251	257	236	262	245	264	280	250	246	254	239	0
HUDSON	8278	701	640	668	665	681	678	754	716	698	708	679	690	0
HUNTERDON	1194	106	87	104	90	103	101	116	104	103	92	102	86	0
MERCER	4375	347	374	344	328	351	371	385	386	401	378	368	342	0
MIDDLESEX	7927	616	561	653	656	670	634	666	717	697	722	663	672	0
MONMOUTH	6669	517	487	558	522	510	548	617	640	603	576	547	544	0
MORRIS	5074	342	403	402	424	427	471	486	483	474	421	364	377	0
OCEAN	4787	340	395	411	384	422	371	396	456	401	406	384	421	0
PASSAIC	6739	522	512	569	543	552	540	577	588	620	604	558	554	0
SALEM	868	77	67	66	72	73	85	89	75	81	61	61	61	0
SOMERSET	2509	214	193	193	197	209	220	222	218	241	207	197	198	0
SUSSEX	1832	149	158	147	155	157	130	167	167	165	165	144	128	0
UNION	6141	465	433	547	477	487	519	568	598	555	530	490	472	0
WARREN	1139	84	77	76	88	112	109	95	107	92	121	98	80	0
STATE INST	11	1	2	3	1	1	0	1	1	0	0	1	0	0
MILITARY	589	41	40	55	41	52	53	63	58	52	46	46	42	0
TOTAL	100950	7909	7796	8390	7929	8375	8414	9108	9209	8913	8693	8163	8051	0

TABLE-21

RESIDENT BIRTHS BY PLURALITY
1984

COUNTY OF RESIDENCE	TOTAL	SINGLE	TWIN	TRIPLETS AND OTHER	UNKNOWN
ATLANTIC	2984	2920	64	0	0
BERGEN	9085	8879	206	0	0
BURLINGTON	4831	4748	80	3	0
CAMDEN	7805	7620	180	5	0
CAPE MAY	1159	1137	22	0	0
CUMBERLAND	2062	2020	42	0	0
ESSEX	11904	11667	232	5	0
GLOUCESTER	2988	2908	80	0	0
HUDSON	8278	8106	169	3	0
HUNTERDON	1194	1182	12	0	0
MERCER	4375	4275	100	0	0
MIDDLESEX	7927	7761	158	8	0
MONMOUTH	6669	6550	114	5	0
MORRIS	5074	4968	101	5	0
OCEAN	4787	4684	100	3	0
PASSAIC	6739	6570	163	6	0
SALEM	868	849	16	3	0
SOMERSET	2509	2453	56	0	0
SUSSEX	1832	1783	40	9	0
UNION	6141	6006	135	0	0
WARREN	1139	1105	34	0	0
STATE INST	11	11	0	0	0
MILITARY	589	569	20	0	0
TOTAL	100950	98771	2124	55	0

TABLE-22

RESIDENT BIRTHS -- SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

ATLANTIC COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABSECON CITY	158	71	87	0	146	7	5	0	132	26	0
ATLANTIC CITY	678	355	323	0	232	432	13	1	216	462	0
BRIGANTINE CITY	97	52	45	0	91	4	1	1	79	17	1
BUENA BORO	48	28	20	0	44	3	1	0	39	9	0
BUENA VISTA TWP	80	37	43	0	59	19	2	0	50	30	0
CORBIN CITY	5	3	2	0	5	0	0	0	4	1	0
EGG HARBOR CITY	110	60	50	0	95	13	2	0	86	24	0
EGG HARBOR TWP	225	120	105	0	210	13	2	0	197	28	0
ESTELL MANOR CITY	18	9	9	0	17	1	0	0	18	0	0
FOLSOM BORO	26	16	10	0	26	0	0	0	23	3	0
GALLOWAY TWP	134	74	60	0	128	4	2	0	113	21	0
HAMILTON TWP	270	125	145	0	229	34	7	0	225	45	0
HAMMONTON TOWN	201	102	99	0	185	16	0	0	156	45	0
LINWOOD CITY	75	35	40	0	75	0	0	0	68	7	0
LONGPORT BORO	7	3	4	0	6	0	1	0	6	1	0
MARGATE CITY	74	33	41	0	70	0	4	0	58	16	0
MULLICA TWP	39	16	23	0	35	4	0	0	31	8	0
NORTHFIELD CITY	80	47	33	0	80	0	0	0	72	8	0
PLEASANTVILLE CITY	337	176	161	0	144	189	4	0	166	171	0
PORT REPUBLIC CITY	11	6	5	0	10	1	0	0	9	2	0
SOMERS POINT CITY	179	79	100	0	163	12	3	1	148	31	0
VENTNOR CITY	110	52	58	0	106	1	3	0	85	25	0
WEYMOUTH TWP	22	12	10	0	22	0	0	0	21	1	0
*TOTAL ATLANTIC	2984	1511	1473	0	2178	753	50	3	2002	981	1

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLENDALE BORO	55	33	22	0	47	0	1	7	55	0	0
ALPINE BORO	11	6	5	0	6	0	1	4	11	0	0
BERGENFIELD BORO	290	161	129	0	243	14	13	20	273	17	0
BOGOTA BORO	112	67	45	0	108	0	3	1	108	4	0
CARLSTADT BORO	78	41	37	0	74	1	1	2	74	4	0
CLIFFSIDE PARK BORO	233	126	107	0	192	1	20	20	223	10	0
CLOSTER BORO	75	37	38	0	61	1	5	8	70	5	0
CRESSKILL BORO	57	34	23	0	39	1	2	15	55	2	0
DEMAREST BORO	25	17	8	0	20	0	0	5	24	1	0
DUMONT BORO	195	99	96	0	176	3	8	8	190	5	0
EAST RUTHERFORD BORO	82	36	46	0	74	4	1	3	75	7	0
EDGEWATER BORO	60	32	28	0	39	0	3	18	55	5	0
ELMWOOD PARK BORO	199	105	94	0	186	5	6	2	186	13	0
EMERSON BORO	66	35	31	0	61	0	2	3	62	4	0
ENGLEWOOD CITY	303	163	140	0	135	116	12	40	231	72	0
ENGLEWOOD CLIFFS BORO	27	12	15	0	13	1	7	6	25	2	0
FAIR LAWN BORO	287	130	157	0	266	1	3	17	278	9	0
FAIRVIEW BORO	129	60	69	0	115	2	3	9	126	3	0
FORT LEE BORO	394	214	180	0	202	4	76	112	379	10	5
FRANKLIN LAKES BORO	87	45	42	0	77	1	3	6	84	3	0
GARFIELD CITY	381	188	192	1	368	6	3	4	355	25	1
GLEN ROCK BORO	128	55	73	0	115	5	4	4	125	3	0
HACKENSACK CITY	487	259	228	0	338	110	20	19	390	97	0
HARRINGTON PARK BORO	52	25	27	0	40	0	4	8	52	0	0
HASBROUCK HEIGHTS BORO	118	47	71	0	110	2	2	4	116	2	0
HAWORTH BORO	33	21	12	0	24	0	3	6	33	0	0
HILLSDALE BORO	125	68	57	0	109	1	2	13	118	7	0
HOHOKUS BORO	45	24	21	0	41	0	1	3	44	1	0
LEONIA BORO	76	41	35	0	61	2	3	10	75	1	0
LITTLE FERRY BORO	118	63	55	0	97	4	11	6	112	6	0
LODI BORO	342	168	174	0	308	11	19	4	307	35	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

BERGEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
LYNDHURST TWP	253	137	116	0	241	1	7	4	240	12	1
MAHWAH TWP	133	71	62	0	122	3	3	5	126	7	0
MAYWOOD BORO	107	45	62	0	99	0	5	3	106	1	0
MIDLAND PARK BORO	92	43	49	0	88	1	1	2	90	2	0
MONTVALE BORO	69	28	41	0	60	0	3	6	69	0	0
MOONACHIE BORO	31	19	12	0	28	1	2	0	31	0	0
NEW MILFORD BORO	185	102	83	0	163	5	7	10	175	10	0
NORTH ARLINGTON BORO	160	80	80	0	155	1	1	3	152	8	0
NORTHVALE BORO	36	20	16	0	28	1	4	3	34	2	0
NORWOOD BORO	45	22	23	0	35	1	4	5	45	0	0
OAKLAND BORO	128	51	77	0	118	0	3	7	120	8	0
OLD TAPPAN BORO	42	13	29	0	41	0	1	0	40	2	0
ORADELL BORO	79	34	45	0	68	0	7	4	77	2	0
PALISADES PARK BORO	149	71	78	0	106	2	25	16	139	9	1
PARAMUS BORO	202	117	85	0	177	0	8	17	195	7	0
PARK RIDGE BORO	102	52	50	0	94	0	4	4	100	2	0
RAMSEY BORO	139	80	59	0	129	3	4	3	132	7	0
RIDGEFIELD BORO	82	48	34	0	75	1	3	3	80	2	0
RIDGEFIELD PARK TWP	144	67	77	0	132	2	3	7	133	11	0
RIDGEWOOD VIL	261	152	109	0	227	4	11	19	254	7	0
RIVER EDGE BORO	109	51	58	0	93	0	6	10	104	5	0
RIVER VALE TWP	102	52	50	0	93	0	2	7	94	8	0
ROCHELLE PARK TWP	46	21	25	0	43	1	1	1	46	0	0
ROCKLEIGH BORO	4	1	3	0	3	0	0	1	4	0	0
RUTHERFORD BORO	192	96	96	0	163	6	10	13	187	5	0
SADDLE BROOK TWP	133	66	67	0	125	1	5	2	127	6	0
SADDLE RIVER BORO	25	16	9	0	20	0	0	5	25	0	0
SOUTH HACKENSACK TWP	25	16	9	0	23	0	2	0	24	1	0
TEANECK TWP	420	203	217	0	246	85	9	80	371	48	1
TENAFLY BORO	110	66	44	0	74	1	7	28	107	2	1
TETERBORO BORO	1	0	1	0	1	0	0	0	1	0	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

BERGEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
UPPER SADDLE RIVER BORO	45	21	24	0	37	2	1	5	43	2	0
WALDWICK BORO	139	71	68	0	124	0	3	12	138	1	0
WALLINGTON BORO	142	74	68	0	134	5	2	1	133	9	0
WASHINGTON TWP	78	42	36	0	69	1	2	6	77	1	0
WESTWOOD BORO	140	77	63	0	129	4	2	5	134	6	0
WOOD-RIDGE BORO	68	30	38	0	64	1	0	3	66	2	0
WOODCLIFF LAKE BORO	59	30	29	0	49	0	1	9	58	1	0
WYCKOFF TWP	138	77	61	0	125	2	1	10	132	6	0
*TOTAL BERGEN	9085	4674	4410	1	7546	431	402	706	8520	555	10

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

BURLINGTON COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BASS RIVER TWP	19	11	8	0	19	0	0	0	18	1	0
BEVERLY CITY	68	32	36	0	55	12	1	0	55	13	0
BORDENTOWN CITY	87	48	39	0	79	7	1	0	75	12	0
BORDENTOWN TWP	52	31	21	0	50	1	1	0	47	5	0
BURLINGTON CITY	222	115	107	0	163	55	4	0	164	58	0
BURLINGTON TWP	141	76	65	0	106	33	2	0	116	25	0
CHESTERFIELD TWP	23	17	6	0	23	0	0	0	23	0	0
CINNAMINSON TWP	105	48	57	0	92	11	2	0	92	13	0
DELANCO TWP	55	30	25	0	54	1	0	0	46	9	0
DELRAN TWP	166	87	79	0	153	8	5	0	149	17	0
EASTAMPTON TWP	48	19	29	0	46	1	1	0	46	2	0
EDGEWATER PARK TWP	139	60	79	0	109	26	4	0	115	24	0
EVESHAM TWP	422	217	205	0	400	6	15	1	406	16	0
FIELDSBORO BORO	8	4	4	0	5	3	0	0	7	1	0
FLORENCE TWP	150	78	72	0	136	11	3	0	131	19	0
HAINESPORT TWP	46	25	21	0	44	1	1	0	42	4	0
LUMBERTON TWP	91	49	42	0	82	7	2	0	83	8	0
MANSFIELD TWP	24	11	13	0	24	0	0	0	23	1	0
MAPLE SHADE TWP	277	142	135	0	254	15	6	2	248	29	0
MEDFORD LAKES BORO	50	28	22	0	50	0	0	0	48	2	0
MEDFORD TWP	209	106	103	0	207	0	2	0	193	16	0
MOORESTOWN TWP	135	70	65	0	131	4	0	0	124	11	0
MOUNT HOLLY TWP	224	105	119	0	183	37	4	0	161	63	0
MOUNT LAUREL TWP	258	135	123	0	237	17	4	0	237	21	0
NEW HANOVER TWP	28	14	14	0	20	6	1	1	22	6	0
NORTH HANOVER TWP	30	15	15	0	26	3	0	1	28	2	0
PALMYRA BORO	108	58	50	0	91	15	2	0	91	17	0
PEMBERTON BORO	143	80	63	0	97	44	2	0	86	57	0
PEMBERTON TWP	418	226	192	0	332	69	17	0	318	100	0
RIVERSIDE TWP	118	51	67	0	116	2	0	0	105	13	0
RIVERTON BORO	39	17	22	0	37	1	0	1	36	3	0

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

BURLINGTON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
SHAMONG TWP	62	24	38	0	61	1	0	0	56	6	0
SOUTHAMPTON TWP	120	60	60	0	118	2	0	0	102	18	0
SPRINGFIELD TWP	25	9	16	0	25	0	0	0	19	6	0
TABERNACLE TWP	85	44	41	0	84	1	0	0	78	7	0
WASHINGTON TWP	9	5	4	0	9	0	0	0	8	1	0
WESTAMPTON TWP	81	39	42	0	76	5	0	0	75	6	0
WILLINGBORO TWP	490	234	256	0	212	264	14	0	347	143	0
WOODLAND TWP	18	10	8	0	18	0	0	0	15	3	0
WRIGHTSTOWN BORO	38	19	19	0	28	7	3	0	29	9	0
*TOTAL BURLINGTON	4831	2449	2382	0	4052	676	97	6	4064	767	0

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

CAMDEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AUDUBON BORO	136	75	61	0	135	1	0	0	125	11	0
AUDUBON PARK BORO	7	7	0	0	7	0	0	0	1	6	0
BARRINGTON BORO	71	33	38	0	66	5	0	0	57	14	0
BELLMAWR BORO	173	86	87	0	168	2	3	0	148	25	0
BERLIN BORO	167	87	80	0	153	12	2	0	145	22	0
BERLIN TWP	42	23	19	0	41	0	1	0	35	7	0
BROOKLAWN BORO	25	13	12	0	25	0	0	0	22	3	0
CAMDEN CITY	2162	1110	1052	0	902	1228	32	0	638	1524	0
CHERRY HILL TWP	667	337	330	0	610	17	40	0	634	33	0
CHESILHURST BORO	26	11	15	0	6	20	0	0	9	17	0
CLEMENTON BORO	178	85	93	0	169	8	1	0	141	37	0
COLLINGSWOOD BORO	219	106	113	0	208	7	4	0	195	24	0
GIBBSBORO BORO	35	15	20	0	34	1	0	0	28	7	0
GLOUCESTER CITY	215	103	112	0	214	0	1	0	156	59	0
GLOUCESTER TWP	710	341	369	0	652	50	8	0	623	87	0
HADDON HEIGHTS BORO	101	55	46	0	100	1	0	0	92	9	0
HADDON TWP	158	76	82	0	158	0	0	0	149	9	0
HADDONFIELD BORO	156	73	83	0	153	3	0	0	145	11	0
HI-NELLA BORO	23	14	9	0	21	2	0	0	17	6	0
LAUREL SPRINGS BORO	49	27	22	0	49	0	0	0	43	6	0
LAWNSIDE BORO	31	12	19	0	1	30	0	0	10	21	0
LINDENWOLD BORO	373	184	189	0	313	50	10	0	299	74	0
MAGNOLIA BORO	86	46	40	0	81	5	0	0	76	10	0
MERCHANTVILLE BORO	47	24	23	0	47	0	0	0	44	3	0
MOUNT EPHRAIM BORO	53	26	27	0	52	1	0	0	44	9	0
OAKLYN BORO	69	37	32	0	69	0	0	0	63	6	0
PENNSAUKEN TWP	495	246	249	0	445	44	6	0	407	88	0
PINE HILL BORO	167	92	75	0	151	12	4	0	135	32	0
RUNNEMEDE BORO	109	59	50	0	103	3	3	0	98	11	0
SOMERDALE BORO	102	48	54	0	88	12	2	0	84	18	0
STRATFORD BORO	94	44	50	0	90	4	0	0	80	14	0

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

CAMDEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
VOORHEES TWP	223	109	114	0	205	9	9	0	203	20	0
WATERFORD TWP	196	95	101	0	176	19	1	0	162	34	0
WINSLOW TWP	404	196	208	0	342	59	2	1	352	52	0
WOOD-LYNNE BORO	36	16	20	0	35	1	0	0	24	12	0
*TOTAL CAMDEN	7805	3911	3894	0	6069	1606	129	1	5484	2321	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

CAPE MAY COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AVALON BORO	15	3	12	0	15	0	0	0	10	5	0
CAPE MAY CITY	54	27	27	0	49	3	2	0	47	5	2
CAPE MAY POINT BORO	2	1	1	0	2	0	0	0	2	0	0
DENNIS TWP	70	41	29	0	70	0	0	0	60	10	0
LOWER TWP	266	129	137	0	261	4	1	0	233	33	0
MIDDLE TWP	179	90	89	0	149	28	2	0	140	39	0
NORTH WILDWOOD CITY	60	32	28	0	60	0	0	0	37	23	0
OCEAN CITY	165	80	85	0	148	14	3	0	143	22	0
SEA ISLE CITY	48	26	22	0	48	0	0	0	47	1	0
STONE HARBOR BORO	10	3	7	0	10	0	0	0	8	2	0
UPPER TWP	87	52	35	0	85	1	1	0	81	6	0
WEST CAPE MAY BORO	13	6	7	0	11	2	0	0	10	3	0
WEST WILDWOOD BORO	5	3	2	0	5	0	0	0	4	1	0
WILDWOOD CITY	85	44	41	0	63	21	1	0	44	41	0
WILDWOOD CREST BORO	42	21	21	0	41	0	0	1	35	7	0
WOODBINE BORO	58	27	31	0	41	17	0	0	32	26	0
*TOTAL CAPE MAY	1159	585	574	0	1058	90	10	1	933	224	2

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

CUMBERLAND COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BRIDGETON CITY	397	210	187	0	221	174	2	0	172	225	0
COMMERCIAL TWP	70	33	37	0	29	41	0	0	28	42	0
DEERFIELD TWP	30	15	15	0	26	4	0	0	19	11	0
DOWNE TWP	25	15	10	0	23	2	0	0	17	8	0
FAIRFIELD TWP	98	51	47	0	36	62	0	0	51	47	0
GREENWICH TWP	8	5	3	0	8	0	0	0	6	2	0
HOPEWELL TWP	37	20	17	0	30	7	0	0	23	14	0
LAWRENCE TWP	30	11	19	0	24	6	0	0	22	8	0
MAURICE RIVER TWP	54	27	27	0	54	0	0	0	40	14	0
MILLVILLE CITY	428	230	198	0	376	48	4	0	291	137	0
SHILOH BORO	3	1	2	0	3	0	0	0	2	1	0
STOW CREEK TWP	13	6	7	0	11	1	1	0	11	2	0
UPPER DEERFIELD TWP	95	46	49	0	70	24	1	0	60	35	0
VINELAND CITY	774	397	377	0	675	92	6	1	502	272	0
*TOTAL CUMBERLAND	2062	1067	995	0	1586	461	14	1	1244	818	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

ESSEX COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BELLEVILLE TOWN	413	199	214	0	376	30	5	2	367	46	0
BLOOMFIELD TOWN	538	291	247	0	487	21	21	9	503	35	0
CALDWELL BORO	80	41	39	0	79	1	0	0	78	2	0
CEDAR GROVE TWP	94	46	48	0	90	4	0	0	91	3	0
EAST ORANGE CITY	1352	698	654	0	93	1240	12	7	550	802	0
ESSEX FELLS BORO	19	10	9	0	14	0	1	4	17	2	0
FAIRFIELD BORO	63	34	29	0	61	0	1	1	60	3	0
GLEN RIDGE BORO	86	39	47	0	75	4	1	6	84	2	0
IRVINGTON TOWN	1005	497	508	0	290	682	22	11	542	463	0
LIVINGSTON TWP	242	123	119	0	212	5	15	10	237	5	0
MAPLEWOOD TWP	242	118	124	0	214	16	4	8	233	9	0
MILLBURN TWP	154	72	82	0	131	1	6	16	151	3	0
MONTCLAIR TOWN	437	224	213	0	259	132	10	36	345	92	0
NEWARK CITY	5486	2817	2669	0	2015	3401	44	26	2020	3465	1
NORTH CALDWELL BORO	49	23	26	0	47	0	2	0	47	2	0
NUTLEY TOWN	277	134	143	0	250	4	11	12	264	12	1
ORANGE CITY	519	277	242	0	102	403	11	3	273	246	0
ROSELAND BORO	48	30	18	0	45	0	2	1	48	0	0
SOUTH ORANGE VIL	145	76	69	0	108	29	4	4	143	2	0
VERONA BORO	133	69	64	0	126	0	4	3	131	2	0
WEST CALDWELL BORO	104	58	46	0	98	2	3	1	104	0	0
WEST ORANGE TOWN	418	198	220	0	369	21	13	15	399	19	0
*TOTAL ESSEX	11904	6074	5830	0	5541	5996	192	175	6687	5215	2

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

GLOUCESTER COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CLAYTON BORO	113	63	50	0	92	20	1	0	78	35	0
DEPTFORD TWP	288	148	140	0	259	28	1	0	238	50	0
EAST GREENWICH TWP	58	28	30	0	57	1	0	0	55	3	0
ELK TWP	32	15	17	0	27	5	0	0	22	10	0
FRANKLIN TWP	175	88	87	0	165	10	0	0	150	25	0
GLASSBORO BORO	190	103	87	0	134	54	2	0	130	60	0
GREENWICH TWP	53	31	22	0	53	0	0	0	45	8	0
HARRISON TWP	67	35	32	0	65	2	0	0	60	7	0
LOGAN TWP	51	22	29	0	45	6	0	0	46	5	0
MANTUA TWP	174	89	85	0	167	3	4	0	170	4	0
MONROE TWP	356	173	183	0	308	47	1	0	284	72	0
NATIONAL PARK BORO	55	34	21	0	54	1	0	0	39	16	0
NEWFIELD BORO	40	21	19	0	34	6	0	0	24	16	0
PAULSBORO BORO	131	71	60	0	98	33	0	0	79	51	1
PITMAN BORO	118	61	57	0	118	0	0	0	105	13	0
SOUTH HARRISON TWP	21	8	13	0	20	1	0	0	20	1	0
SWEDESBORO BORO	63	34	29	0	55	8	0	0	56	7	0
WASHINGTON TWP	352	184	168	0	336	8	8	0	326	26	0
WENONAH BORO	35	18	17	0	31	4	0	0	24	11	0
WEST DEPTFORD TWP	200	101	99	0	187	12	1	0	166	34	0
WESTVILLE BORO	131	68	63	0	116	15	0	0	103	28	0
WOODBURY CITY	232	101	131	0	184	48	0	0	174	57	1
WOODBURY HEIGHTS BORO	35	18	17	0	32	3	0	0	31	4	0
WOOLWICH TWP	18	11	7	0	15	2	0	1	11	7	0
*TOTAL GLOUCESTER	2988	1525	1463	0	2652	317	18	1	2436	550	2

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

HUDSON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BAYONNE CITY	716	388	328	0	618	49	13	36	629	87	0
EAST NEWARK BORO	37	20	17	0	37	0	0	0	34	3	0
GUTTENBERG TOWN	122	75	47	0	95	2	4	21	112	9	1
HARRISON TOWN	184	95	89	0	175	2	7	0	164	20	0
HOBOKEN CITY	500	249	251	0	326	113	19	42	324	174	2
JERSEY CITY	3944	1962	1982	0	2021	1533	272	118	2283	1658	3
KEARNY TOWN	480	269	211	0	466	5	7	2	425	55	0
NORTH BERGEN TWP	560	285	275	0	495	12	28	25	496	60	4
SECAUCUS TOWN	157	85	72	0	135	3	5	14	146	11	0
UNION CITY	916	450	466	0	762	78	32	44	680	235	1
WEEHAWKEN TWP	164	82	82	0	134	6	10	14	142	22	0
WEST NEW YORK TOWN	498	252	246	0	434	19	14	31	397	101	0
*TOTAL HUDSON	8278	4212	4066	0	5698	1822	411	347	5832	2435	11

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

HUNTERDON COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALEXANDRIA TWP	50	22	28	0	49	0	0	1	49	1	0
BETHELEM TWP	32	10	22	0	32	0	0	0	32	0	0
BLOOMSBURY BORO	14	7	7	0	14	0	0	0	12	2	0
CALIFON BORO	16	10	6	0	15	0	1	0	16	0	0
CLINTON TOWN	22	8	14	0	20	1	1	0	20	2	0
CLINTON TWP	109	62	47	0	106	1	2	0	105	4	0
DELAWARE TWP	56	22	34	0	56	0	0	0	54	2	0
EAST AMWELL TWP	52	26	26	0	52	0	0	0	51	1	0
FLEMINGTON BORO	86	38	48	0	82	1	2	1	80	6	0
FRANKLIN TWP	32	13	19	0	32	0	0	0	30	2	0
FRENCHTOWN BORO	37	12	25	0	37	0	0	0	35	2	0
GLEN GARDNER BORO	29	13	16	0	29	0	0	0	25	4	0
HAMPTON BORO	32	16	16	0	32	0	0	0	29	3	0
HIGH BRIDGE BORO	55	27	28	0	55	0	0	0	50	5	0
HOLLAND TWP	47	27	20	0	47	0	0	0	38	9	0
KINGWOOD TWP	46	24	22	0	45	1	0	0	44	2	0
LAMBERTVILLE CITY	62	29	33	0	59	3	0	0	53	9	0
LEBANON BORO	23	13	10	0	23	0	0	0	21	2	0
LEBANON TWP	54	33	21	0	54	0	0	0	51	3	0
MILFORD BORO	17	9	8	0	17	0	0	0	13	4	0
RARITAN TWP	106	53	53	0	104	0	2	0	98	8	0
READINGTON TWP	125	73	52	0	120	1	3	1	119	6	0
STOCKTON BORO	11	2	9	0	11	0	0	0	10	1	0
TEWKSBURY TWP	29	15	14	0	29	0	0	0	28	1	0
UNION TWP	27	17	10	0	27	0	0	0	26	1	0
WEST AMWELL TWP	25	8	17	0	24	1	0	0	24	1	0
*TOTAL HUNTERDON	1194	589	605	0	1171	9	11	3	1113	81	0

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MERCER COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
EAST WINDSOR TWP	285	144	141	0	247	17	19	2	271	14	0
EWING TWP	366	177	189	0	288	67	11	0	311	55	0
HAMILTON TWP	1068	552	516	0	954	77	37	0	935	131	2
HIGHTSTOWN BORO	79	39	40	0	69	8	2	0	65	14	0
HOPEWELL BORO	44	23	21	0	42	1	0	1	43	1	0
HOPEWELL TWP	114	48	66	0	112	0	2	0	109	5	0
LAWRENCE TWP	214	110	104	0	187	19	7	1	199	15	0
PENNINGTON BORO	28	11	17	0	26	0	0	2	26	2	0
PRINCETON BORO	95	52	43	0	64	22	9	0	83	12	0
PRINCETON TWP	100	51	49	0	83	6	10	1	93	7	0
TRENTON CITY	1853	947	906	0	836	998	14	5	767	1085	1
WASHINGTON TWP	36	13	23	0	33	1	0	2	34	2	0
WEST WINDSOR TWP	93	44	49	0	83	1	8	1	87	6	0
*TOTAL MERCER	4375	2211	2164	0	3024	1217	119	15	3023	1349	3

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MIDDLESEX COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CARTERET BORO	280	143	137	0	243	25	9	3	224	55	1
CRANBURY TWP	60	30	30	0	51	7	1	1	54	6	0
DUNELLEN BORO	82	39	43	0	78	2	2	0	72	10	0
EAST BRUNSWICK TWP	416	227	189	0	362	18	27	9	396	20	0
EDISON TWP	1038	545	493	0	869	45	96	28	968	70	0
HELMETTA BORO	11	5	6	0	11	0	0	0	11	0	0
HIGHLAND PARK BORO	164	91	73	0	138	19	3	4	143	21	0
JAMESBURG BORO	93	37	56	0	84	7	2	0	76	17	0
METUCHEN BORO	197	102	95	0	174	11	9	3	181	16	0
MIDDLESEX BORO	174	99	75	0	171	1	2	0	162	12	0
MILLTOWN BORO	81	44	37	0	79	1	0	1	78	3	0
MONROE TWP	133	65	68	0	127	5	1	0	125	8	0
NEW BRUNSWICK CITY	583	295	288	0	307	268	8	0	324	259	0
NORTH BRUNSWICK TWP	303	168	135	0	255	33	11	4	284	19	0
OLD BRIDGE TWP	569	280	289	0	528	15	14	12	528	41	0
PERTH AMBOY CITY	676	358	318	0	614	52	4	6	456	218	2
PISCATAWAY TWP	560	287	273	0	400	94	52	14	495	65	0
PLAINSBORO TWP	148	67	81	0	121	12	11	4	140	8	0
SAYREVILLE BORO	330	167	163	0	303	6	8	13	302	28	0
SOUTH AMBOY CITY	185	79	106	0	178	1	6	0	169	16	0
SOUTH BRUNSWICK TWP	259	136	123	0	234	13	8	4	239	19	1
SOUTH PLAINFIELD BORO	267	153	114	0	246	15	6	0	249	18	0
SOUTH RIVER BORO	174	99	75	0	162	10	1	1	158	16	0
SPOTSWOOD BORO	107	58	49	0	97	2	7	1	101	6	0
WOODBRIDGE TWP	1037	529	508	0	944	37	30	26	972	65	0
*TOTAL MIDDLESEX	7927	4103	3824	0	6776	699	318	134	6907	1016	4

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABERDEEN TWP	243	117	126	0	207	28	6	2	206	36	1
ALLENHURST BORO	11	5	6	0	9	1	0	1	10	1	0
ALLENTOWN BORO	40	18	22	0	35	5	0	0	38	2	0
ASBURY PARK CITY	372	194	178	0	102	268	0	2	136	236	0
ATLANTIC HIGHLANDS BORO	97	54	43	0	87	6	0	4	91	6	0
AVON-BY-THE-SEA BORO	26	14	12	0	26	0	0	0	24	2	0
BELMAR BORO	59	30	29	0	52	6	1	0	48	11	0
BRADLEY BEACH BORO	91	41	50	0	89	2	0	0	74	17	0
BRIELLE BORO	39	19	20	0	37	0	0	2	35	3	1
COLTS NECK TOWNSHIP	66	29	37	0	64	0	0	2	61	5	0
DEAL BORO	22	14	8	0	17	0	0	5	22	0	0
EATONTOWN BORO	183	100	83	0	159	12	11	1	168	15	0
ENGLISHTOWN BORO	45	24	21	0	42	1	0	2	42	3	0
FAIR HAVEN BORO	63	31	32	0	57	5	0	1	53	10	0
FARMINGDALE BORO	37	19	18	0	36	1	0	0	33	4	0
FREEHOLD BORO	198	95	103	0	151	43	2	2	152	46	0
FREEHOLD TWP	171	89	82	0	163	2	4	2	157	14	0
HAZLET TWP	266	140	126	0	238	6	4	18	251	15	0
HIGHLANDS BORO	75	36	39	0	75	0	0	0	64	11	0
HOLMDEL TWP	52	24	28	0	43	4	5	0	51	1	0
HOWELL TWP	423	216	207	0	402	12	5	4	384	38	1
INTERLAKEN BORO	7	3	4	0	7	0	0	0	7	0	0
KEANSBURG BORO	231	123	108	0	226	1	0	4	168	63	0
KEYPORT BORO	103	52	51	0	98	5	0	0	86	17	0
LITTLE SILVER BORO	78	45	33	0	76	0	1	1	76	2	0
LOCH ARBOUR VILLAGE	2	1	1	0	2	0	0	0	2	0	0
LONG BRANCH CITY	552	281	271	0	415	127	4	6	366	186	0
MANALAPAN TWP	188	93	95	0	162	5	5	16	181	6	1
MANASQUAN BORO	62	29	33	0	62	0	0	0	57	4	1
MARLBORO TWP	242	137	105	0	204	10	9	19	233	9	0
MATAWAN BORO	156	88	68	0	122	19	5	10	133	23	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MONMOUTH COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
MIDDLETOWN TWP	775	396	379	0	738	13	9	15	728	46	1
MILLSTONE TWP	36	17	19	0	35	1	0	0	31	5	0
MONMOUTH BEACH BORO	36	16	20	0	36	0	0	0	34	2	0
NEPTUNE CITY BORO	67	39	28	0	65	2	0	0	55	12	0
NEPTUNE TWP	348	181	167	0	226	118	2	2	242	105	1
OCEAN TWP	311	141	170	0	273	25	9	4	291	19	1
OCEANPORT BORO	46	22	24	0	45	1	0	0	45	1	0
RED BANK BORO	148	82	66	0	102	43	1	2	104	43	1
ROOSEVELT BORO	12	5	7	0	12	0	0	0	12	0	0
RUMSON BORO	63	36	27	0	63	0	0	0	60	3	0
SEA BRIGHT BORO	19	10	9	0	18	0	0	1	16	3	0
SEA GIRT BORO	10	2	8	0	10	0	0	0	9	1	0
SHREWSBURY BORO	32	18	14	0	31	0	0	1	29	3	0
SHREWSBURY TWP	13	5	8	0	9	4	0	0	9	4	0
SOUTH BELMAR BORO	19	9	10	0	17	2	0	0	15	4	0
SPRING LAKE BORO	26	12	14	0	26	0	0	0	21	4	1
SPRING LAKE HEIGHTS BORO	53	34	19	0	51	1	0	1	49	4	0
TINTON FALLS BORO	70	34	36	0	49	19	1	1	56	14	0
UNION BEACH BORO	99	43	56	0	97	1	0	1	79	19	1
UPPER FREEHOLD TWP	36	19	17	0	35	1	0	0	33	3	0
WALL TWP	192	94	98	0	191	0	0	1	179	13	0
WEST LONG BRANCH BORO	58	22	36	0	56	0	0	2	57	1	0
*TOTAL MONMOUTH	6669	3398	3271	0	5650	800	84	135	5563	1095	11

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MORRIS COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BOONTON TOWN	108	62	46	0	101	1	5	1	97	11	0
BOONTON TWP	43	23	20	0	38	2	2	1	38	5	0
BUTLER BORO	97	42	55	0	94	0	2	1	90	7	0
CHATHAM BORO	112	57	55	0	103	2	3	4	109	2	1
CHATHAM TWP	53	28	25	0	49	0	3	1	53	0	0
CHESTER BORO	23	12	11	0	23	0	0	0	22	1	0
CHESTER TWP	35	15	20	0	31	2	0	2	31	4	0
DENVILLE TWP	191	108	83	0	179	2	2	8	186	5	0
DOVER TOWN	284	150	134	0	265	13	5	1	241	43	0
EAST HANOVER TWP	91	37	54	0	81	3	5	2	88	3	0
FLORHAM PARK BORO	79	36	43	0	73	0	2	4	77	2	0
HANOVER TWP	118	55	63	0	109	1	8	0	117	1	0
HARDING TWP	25	9	16	0	24	0	0	1	22	3	0
JEFFERSON TWP	220	125	95	0	217	1	1	1	199	21	0
KINNELON BORO	75	42	33	0	72	0	0	3	70	5	0
LINCOLN PARK BORO	118	53	65	0	117	0	0	1	113	5	0
MADISON BORO	159	73	86	0	137	14	5	3	150	9	0
MENDHAM BORO	35	23	12	0	32	0	2	1	35	0	0
MENDHAM TWP	22	10	12	0	21	0	0	1	21	1	0
MINE HILL TWP	59	32	27	0	57	0	2	0	57	2	0
MONTVILLE TWP	148	75	73	0	135	1	8	4	140	7	1
MORRIS PLAINS BORO	90	49	41	0	83	1	5	1	89	1	0
MORRIS TWP	200	104	96	0	180	10	5	5	188	12	0
MORRISTOWN TOWN	241	130	111	0	172	54	6	9	186	55	0
MOUNT ARLINGTON BORO	50	25	25	0	48	1	1	0	46	3	1
MOUNT OLIVE TWP	372	199	173	0	346	10	15	1	344	28	0
MOUNTAIN LAKES BORO	20	10	10	0	18	0	1	1	20	0	0
NETCONG BORO	74	42	32	0	69	1	3	1	67	7	0
PARSIPPANY-TROY HILLS TWP	601	303	298	0	526	13	50	12	574	26	1
PASSAIC TWP	92	43	49	0	89	0	3	0	89	3	0
PEQUANNOCK TWP	122	59	63	0	120	0	2	0	118	4	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

MORRIS COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
RANDOLPH TWP	225	115	110	0	200	5	10	10	217	8	0
RIVERDALE BORO	33	14	19	0	32	0	0	1	33	0	0
ROCKAWAY BORO	120	59	61	0	114	1	4	1	115	5	0
ROCKAWAY TWP	227	112	115	0	225	0	2	0	218	9	0
ROXBURY TWP	250	129	121	0	238	3	8	1	241	9	0
VICTORY GARDENS BORO	18	8	10	0	13	4	1	0	14	4	0
WASHINGTON TWP	157	82	75	0	155	1	1	0	151	6	0
WHARTON BORO	87	46	41	0	80	2	5	0	79	8	0
*TOTAL MORRIS	5074	2596	2478	0	4666	148	177	83	4745	325	4

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

OCEAN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BARNEGAT LIGHT BORO	16	5	11	0	15	0	1	0	16	0	0
BARNEGAT TWP	150	81	69	0	146	3	1	0	132	18	0
BAY HEAD BORO	9	5	4	0	9	0	0	0	7	2	0
BEACH HAVEN BORO	13	5	8	0	12	0	1	0	12	1	0
BEACHWOOD BORO	135	56	79	0	133	2	0	0	124	11	0
BERKELEY TWP	178	101	77	0	172	4	0	2	152	26	0
BRICK TWP	762	391	371	0	745	6	6	5	687	75	0
DOVER TWP	852	447	405	0	833	13	4	2	748	103	1
EAGLESWOOD TWP	16	8	8	0	16	0	0	0	14	2	0
HARVEY CEDARS BORO	1	1	0	0	1	0	0	0	1	0	0
ISLAND HEIGHTS BORO	19	9	10	0	19	0	0	0	16	3	0
JACKSON TWP	332	168	164	0	313	13	4	2	296	36	0
LACEY TWP	208	100	108	0	204	0	2	2	188	20	0
LAKEHURST BORO	77	41	36	0	68	8	0	1	53	24	0
LAKEWOOD TWP	862	446	416	0	623	133	5	101	693	167	2
LAVALLETTE BORO	21	9	12	0	21	0	0	0	17	4	0
LITTLE EGG HARBOR TWP	130	54	76	0	130	0	0	0	108	22	0
LONG BEACH TWP	29	10	19	0	29	0	0	0	26	3	0
MANCHESTER TWP	141	73	68	0	126	14	1	0	128	13	0
MANTOLOKING BORO	4	3	1	0	3	0	0	1	3	1	0
OCEAN GATE BORO	17	8	9	0	17	0	0	0	12	4	1
OCEAN TWP	60	31	29	0	59	1	0	0	49	11	0
PINE BEACH BORO	27	15	12	0	26	1	0	0	25	2	0
PLUMSTED TWP	70	43	27	0	67	3	0	0	59	11	0
POINT PLEASANT BEACH BORO	35	18	17	0	35	0	0	0	29	6	0
POINT PLEASANT BORO	264	136	128	0	262	0	2	0	232	32	0
SEASIDE HEIGHTS BORO	49	25	24	0	49	0	0	0	33	16	0
SEASIDE PARK BORO	24	13	11	0	24	0	0	0	18	6	0
SHIP BOTTOM BORO	6	2	4	0	6	0	0	0	5	1	0
SOUTH TOMS RIVER BORO	61	22	39	0	40	20	1	0	36	25	0
STAFFORD TWP	142	77	65	0	141	0	0	1	127	15	0
SURF CITY BORO	14	5	9	0	14	0	0	0	11	3	0
TUCKERTON BORO	63	31	32	0	59	2	2	0	56	7	0
*TOTAL OCEAN	4787	2439	2348	0	4417	223	30	117	4113	670	4

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

PASSAIC COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BLOOMINGDALE BORO	98	45	53	0	96	1	0	1	94	4	0
CLIFTON CITY	746	363	383	0	707	14	17	8	704	42	0
HALEDON BORO	99	44	55	0	95	2	1	1	93	6	0
HAWTHORNE BORO	234	128	106	0	230	2	1	1	229	5	0
LITTLE FALLS TWP	89	47	42	0	87	1	1	0	85	4	0
NORTH HALEDON BORO	48	22	26	0	46	0	1	1	45	3	0
PASSAIC CITY	1062	552	510	0	688	346	26	2	650	412	0
PATERSON CITY	2832	1460	1372	0	1765	1023	30	14	1489	1338	5
POMPTON LAKES BORO	129	60	69	0	129	0	0	0	120	9	0
PROSPECT PARK BORO	91	56	35	0	87	1	2	1	82	9	0
RINGWOOD BORO	175	99	76	0	164	7	2	2	159	15	1
TOTOWA BORO	78	47	31	0	75	1	1	1	74	4	0
WANAQUE BORO	156	79	77	0	151	0	1	4	146	10	0
WAYNE TWP	418	239	179	0	397	2	5	14	403	15	0
WEST MILFORD TWP	353	194	159	0	333	12	3	5	312	40	1
WEST PATERSON BORO	131	61	70	0	122	1	5	3	125	6	0
*TOTAL PASSAIC	6739	3496	3243	0	5172	1413	96	58	4810	1922	7

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

SALEM COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLOWAY TWP	25	12	13	0	23	2	0	0	22	3	0
CARNEYS POINT TWP	96	49	47	0	76	17	3	0	69	27	0
ELMER BORO	40	28	12	0	39	1	0	0	36	4	0
ELSINBORO TWP	2	2	0	0	2	0	0	0	1	1	0
LOWER ALLOWAY CREEK TWP	13	8	5	0	13	0	0	0	10	3	0
MANNINGTON TWP	3	1	2	0	3	0	0	0	3	0	0
OLDMANS TWP	18	7	11	0	15	3	0	0	14	4	0
PENNS GROVE BORO	107	53	54	0	58	48	1	0	52	55	0
PENNSVILLE TWP	162	75	87	0	156	1	4	1	138	24	0
PILESGROVE TWP	19	8	11	0	12	6	1	0	13	6	0
PITTSGROVE TWP	63	35	28	0	57	6	0	0	53	10	0
QUINTON TWP	16	9	7	0	8	6	0	2	9	7	0
SALEM CITY	191	98	93	0	110	81	0	0	111	80	0
UPPER PITTSGROVE TWP	37	21	16	0	35	2	0	0	33	4	0
WOODSTOWN BORO	76	39	37	0	62	13	1	0	63	13	0
*TOTAL SALEM	868	445	423	0	669	186	10	3	627	241	0

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

SOMERSET COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BEDMINSTER TWP	26	13	13	0	26	0	0	0	23	3	0
BERNARDS TWP	100	48	52	0	95	0	2	3	98	2	0
BERNARDSVILLE BORO	52	26	26	0	50	0	1	1	50	2	0
BOUND BROOK BORO	154	81	73	0	146	1	6	1	134	20	0
BRANCHBURG TWP	82	39	43	0	77	1	4	0	79	3	0
BRIDGEWATER TWP	279	145	134	0	254	5	13	7	256	23	0
FAR HILLS BORO	8	5	3	0	8	0	0	0	7	1	0
FRANKLIN TWP	474	244	230	0	311	139	19	5	387	87	0
GREEN BROOK TWP	41	22	19	0	39	0	2	0	40	1	0
HILLSBOROUGH TWP	299	155	144	0	277	10	11	1	290	9	0
MANVILLE BORO	121	57	64	0	118	0	3	0	109	12	0
MILLSTONE BORO	8	5	3	0	8	0	0	0	8	0	0
MONTGOMERY TWP	86	36	50	0	83	2	1	0	83	3	0
NORTH PLAINFIELD BORO	294	152	142	0	282	5	6	1	270	24	0
PEAPACK-GLADSTONE BORO	31	14	17	0	29	0	0	2	30	1	0
RARITAN BORO	65	36	29	0	62	0	1	2	59	6	0
ROCKY HILL BORO	7	3	4	0	7	0	0	0	6	1	0
SOMERVILLE BORO	172	91	81	0	145	22	4	1	140	32	0
SOUTH BOUND BROOK BORO	87	48	39	0	83	2	2	0	75	12	0
WARREN TWP	92	52	40	0	89	0	2	1	88	4	0
WATCHUNG BORO	31	15	16	0	30	1	0	0	29	2	0
*TOTAL SOMERSET	2509	1287	1222	0	2219	188	77	25	2261	248	0

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

SUSSEX COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ANDOVER BORO	24	13	11	0	24	0	0	0	21	3	0
ANDOVER TWP	58	33	25	0	57	0	1	0	54	4	0
BRANCHVILLE BORO	13	5	8	0	13	0	0	0	12	1	0
BYRAM TWP	124	57	67	0	123	0	0	1	118	6	0
FRANKFORD TWP	67	46	21	0	67	0	0	0	60	7	0
FRANKLIN BORO	75	39	36	0	73	1	1	0	65	10	0
FREDON TWP	29	14	15	0	29	0	0	0	28	1	0
GREEN TWP	36	14	22	0	35	0	1	0	35	1	0
HAMBURG BORO	29	12	17	0	29	0	0	0	25	4	0
HAMPTON TWP	49	21	28	0	48	0	1	0	46	3	0
HARDYSTON TWP	73	35	38	0	71	0	1	1	68	5	0
HOPATCONG BORO	290	152	138	0	284	3	2	1	281	9	0
LAFAYETTE TWP	24	11	13	0	24	0	0	0	23	1	0
MONTAGUE TWP	33	15	18	0	33	0	0	0	28	5	0
NEWTON TOWN	103	51	52	0	99	1	1	2	92	11	0
OGDENSBURG BORO	46	20	26	0	46	0	0	0	43	3	0
SANDYSTON TWP	18	10	8	0	18	0	0	0	17	1	0
SPARTA TWP	164	74	90	0	160	0	1	3	157	7	0
STANHOPE BORO	41	24	17	0	38	1	0	2	39	2	0
STILLWATER TWP	70	39	31	0	69	1	0	0	64	6	0
SUSSEX BORO	86	38	48	0	82	0	1	3	73	12	1
VERNON TWP	297	144	153	0	296	1	0	0	246	50	1
WALPACK TWP	1	0	1	0	1	0	0	0	1	0	0
WANTAGE TWP	82	46	36	0	81	0	1	0	76	6	0
*TOTAL SUSSEX	1832	913	919	0	1800	8	11	13	1672	158	2

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

UNION COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BERKELEY HEIGHTS TWP	109	53	56	0	101	1	6	1	107	2	0
CLARK TWP	132	71	61	0	129	0	1	2	126	6	0
CRANFORD TWP	266	124	142	0	246	9	2	9	260	6	0
ELIZABETH CITY	1691	876	814	1	1223	417	45	6	1146	544	1
FANWOOD BORO	104	51	53	0	97	1	3	3	100	4	0
GARWOOD BORO	43	21	22	0	39	0	3	1	42	1	0
HILLSIDE TWP	244	126	118	0	133	107	2	2	185	58	1
KENILWORTH BORO	57	35	22	0	54	1	0	2	55	2	0
LINDEN CITY	419	218	201	0	320	91	4	4	353	66	0
MOUNTAINSIDE BORO	40	22	18	0	36	0	1	3	40	0	0
NEW PROVIDENCE BORO	117	50	67	0	112	0	4	1	116	1	0
PLAINFIELD CITY	819	394	425	0	241	559	12	7	457	361	1
RAHWAY CITY	348	177	171	0	254	75	12	7	278	70	0
ROSELLE BORO	265	133	132	0	153	102	4	6	207	58	0
ROSELLE PARK BORO	145	75	70	0	131	6	5	3	135	10	0
SCOTCH PLAINS TWP	245	126	119	0	208	22	7	8	228	17	0
SPRINGFIELD TWP	113	57	56	0	105	1	3	4	111	2	0
SUMMIT CITY	197	89	108	0	176	11	4	6	181	16	0
UNION TWP	439	212	227	0	373	53	9	4	402	37	0
WESTFIELD TOWN	330	163	167	0	301	12	8	9	315	15	0
WINFIELD TWP	18	9	9	0	18	0	0	0	14	4	0
*TOTAL UNION	6141	3082	3058	1	4450	1468	135	88	4858	1280	3

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

WARREN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLAMUCHY TWP	22	10	12	0	21	0	0	1	21	1	0
ALPHA BORO	24	11	13	0	24	0	0	0	23	1	0
BELVIDERE TOWN	38	23	15	0	38	0	0	0	27	11	0
BLAIRSTOWN TWP	46	23	23	0	46	0	0	0	40	6	0
FRANKLIN TWP	27	17	10	0	27	0	0	0	24	3	0
FRELINGHUYSEN TWP	13	11	2	0	13	0	0	0	12	1	0
GREENWICH TWP	20	10	10	0	20	0	0	0	19	1	0
HACKETTSTOWN TOWN	140	70	70	0	136	2	1	1	127	13	0
HARDWICK TWP	15	9	6	0	15	0	0	0	13	2	0
HARMONY TWP	29	13	16	0	28	0	1	0	25	4	0
HOPE TWP	19	7	12	0	19	0	0	0	16	3	0
INDEPENDENCE TWP	49	29	20	0	48	0	1	0	47	2	0
KNOWLTON TWP	31	19	12	0	31	0	0	0	27	4	0
LIBERTY TWP	27	12	15	0	27	0	0	0	26	1	0
LOPATCONG TWP	36	21	15	0	35	0	1	0	34	1	1
MANSFIELD TWP	95	47	48	0	92	2	0	1	86	9	0
OXFORD TWP	16	9	7	0	16	0	0	0	13	3	0
PHILLIPSBURG TOWN	233	138	95	0	227	5	1	0	179	54	0
POHATCONG TWP	40	20	20	0	39	0	0	1	39	1	0
WASHINGTON BORO	138	61	77	0	133	3	2	0	118	19	1
WASHINGTON TWP	48	24	24	0	48	0	0	0	47	1	0
WHITE TWP	33	19	14	0	33	0	0	0	31	2	0
*TOTAL WARREN	1139	603	536	0	1116	12	7	4	994	143	2

TABLE-22 (CONTINUED)

RESIDENT BIRTHS OF THE STATE OF NEW JERSEY
SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1984

STATE INST COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
N J ST HOSP GREYSTONE	1	1	0	0	0	0	0	1	0	1	0
N J ST HOSP MARLBORO	1	0	1	0	1	0	0	0	1	0	0
N J ST HOSP TRENTON	1	0	1	0	1	0	0	0	0	1	0
N J ST MANUAL TR BORDENTO	1	0	1	0	0	1	0	0	0	1	0
N J ST REFORM WOMEN CLINT	7	3	4	0	1	6	0	0	0	7	0
*TOTAL STATE INST	11	4	7	0	3	7	0	1	1	10	0

MILITARY COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CAPE MAY COAST GUARD RECE	1	1	0	0	1	0	0	0	1	0	0
COAST GUARD LIFE BOAT STA	10	3	7	0	7	3	0	0	9	1	0
FORT DIX	262	140	122	0	167	84	11	0	247	15	0
FORT MONMOUTH	93	53	40	0	54	23	16	0	90	3	0
MCGUIRE AIR BASE FORT DIX	212	120	92	0	161	40	9	2	199	13	0
NAVAL AIR DEPOT EARLE	3	3	0	0	1	2	0	0	3	0	0
NAVAL AIR STATION LAKEHUR	8	6	2	0	8	0	0	0	7	1	0
*TOTAL MILITARY	589	326	263	0	399	152	36	2	556	33	0

TAB-D

Mortality
1984

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality
1984

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1984 MORTALITY

INTRODUCTION

All mortality statistics provided are data summarized from Death Certificate items filed with the New Jersey Registrar. A death certificate is required to be filed by the proper authority for any death occurring within that state by New Jersey Vital Statistics legislation. Deaths to New Jersey residents occurring in other states during the calendar year are covered in this report and are recorded in the state of occurrence. These records are forwarded to the New Jersey State Vital Statistics Registrar as part of a National Data Exchange program between states.

All death data are maintained on computer tapes and are updated monthly. Monthly death tabulations are maintained by the Department of Health for surveillance and reporting purposes. To maintain confidentiality, all individual identifiers are removed prior to tabulation of any data item for statistical purposes.

The New Jersey Department of Health participates in the National Center for Health Statistics, Cooperative Health Program's death reporting and in the national death index.

STATISTICAL OVERVIEW

Number of Deaths

With the population of the State increasing by twenty-three percent over the last twenty-four years, as could be expected, the number of resident deaths has likewise increased. The increase, however, was not in a direct proportion and has occurred at a much slower pace. The mortality rate indicates that deaths per 1,000 population were lower in 1984, registering only a 16.2% gain over the 1960 level of 59,330. Total resident deaths during 1984 were recorded at a level of 68,944, this is an increase of 318 over 1983. There were 30,922 white male deaths, 30,029 white female deaths, 4,373 nonwhite male deaths, and 3,574 nonwhite female deaths.

Mortality Rate

The mortality rate for the State was 9.2 per 1,000 population, both in 1983 and 1984. Compared to the Nation, the New Jersey rate was slightly higher with the national mortality rate for 1984 at 8.7 per 1,000 population.

Distribution across the 21 counties varied from a high of 13.1 per 1,000 population in Ocean County to 6.7 per 1,000 population in both Hunterdon and Sussex Counties. A ranking by mortality indicates that the following counties were higher than the State average: Cape May (12.4), Atlantic (11.9), Hudson (10.4), Warren (10.0), Union (9.9), Essex (9.7), Monmouth (9.6), and Cumberland (9.4).

The New Jersey mortality rate for males (9.8) was higher than for females (8.6). This traditionally has been true over time. The white population rate of 9.7 was higher than the nonwhite rate of 6.6 for the year also based on the 1,000 deaths per population level. For population groups divided by both race and sex, the highest mortality rate occurred among white males (10.2), and the lowest rate among nonwhite females (5.6).

Age-Specific Rates

Comparisons of age-specific mortality rates by age groups for whites and nonwhites show higher mortality rates for nonwhites in age groups under 65. The difference between the two race groups became more pronounced with age: 1) for the 25-44 age group where the mortality rate for nonwhites (294.0 per 100,000 population) was 168.5 points higher than the rate for whites (125.5), 2) for the 45-64 age group the mortality rate per 100,000 population for nonwhites was 1,214.2 compared to 831.9 for whites (a difference of 382.3 points), and 3) for those persons aged 65 and above the rates were 4,885.7 for nonwhites and 5,227.1 for whites (a difference of 341.4 points in the opposite direction).

Male age-specific mortality rates were higher for all age groups than the corresponding rates for females. In the 15-24 year age group, the male rate of 108.7 per 100,000 population was nearly 2.6 times that of the female rate of 41.5 per 100,000 population. The mortality rate for males aged 25-44 (210.6 per 100,000 population) was over twice the rate for females (98.6 per 100,000 population). At ages 45 through 64 females had an age-specific death rate of 1,129.2 per 100,000 population compared to 643.6 per 100,000 population for males. The mortality rate for males aged 65 and above was 6,171.0 per 100,000 population compared to 4,571.8 per 100,000 population for females.

PRINCIPAL CAUSES OF DEATH

Leading Causes

The ten leading causes of death has remained virtually the same since 1968. Leading causes for 1984, in ranked order were: (1) diseases of the heart, (2) malignant neoplasms, (3) cerebrovascular diseases, (4) accidents, (5) pneumonia and influenza, (6) diabetes mellitus, (7) chronic liver disease and cirrhosis, (8) nephritis and nephrosis, (9) atheriosclerosis, and (10) septicemia.

Deaths caused by diseases of the heart remained approximately at the same level as 1983 with the mortality rate dropping by 11.1 points to a 1984 level of 365.4 per 100,000 population. Malignant neoplasms increased slightly over the 1983 level, rising by 0.4% to a rate of 221.8 per 100,000 population in 1984. Combined diseases of the heart and malignant neoplasms, the two top causes of death, continued to account for almost two-thirds of all deaths in the State. Deaths attributable to malignancies, pneumonia and influenza, septicemia, diabetes mellitus, and nephritis and nephrosis all increased in numbers of deaths, while numbers of accidental deaths decreased as did number of deaths attributable to cardiovascular diseases, cerebrovascular diseases and chronic liver disease and cirrhosis.

Age Groups

Age group data show that accidents were the leading causes of death for the population ages 1-14, with malignant neoplasms second. For those aged 15-24, accidents were also recorded as the leading cause, with homicide and suicide tied for second. For age group 25-44, malignant neoplasms was the first leading cause, with accidents recorded as the second, followed closely by diseases of the heart, with suicide, chronic liver diseases and cirrhosis and homicide 5 and 6 respectively. For the age group 45-64 malignant neoplasms is the first ranking cause of death followed by heart diseases. For deaths to persons aged 65 years and over, disease of the heart was first, malignant neoplasms second, cerebrovascular third, and pneumonia/influenza fourth.

Diseases of the Heart

Diseases of the heart dropped from 28,104 deaths in 1983 to 27,460 in 1984. The slight drop in the total was reflected in a rate decrease from 376.5 to 365.4 deaths per 100,000 population. There were 12,725 deaths per white males in 1984, a slight drop from the 1983 level of 13,067. The white female total also declined from 12,655 in 1983 to 12,484 deaths in 1984. Deaths due to this disease among nonwhite males also showed a decline, moving from 1,243 to 1,120 in 1984. Nonwhite female deaths decreased by 10, from 1,131 to 1,121 deaths. Diseases of the heart remained the leading cause of death for all races, sixty-five and over, and for all males forty-five and older.

LEADING CAUSES OF DEATH
BY AGE GROUP FOR NEW JERSEY RESIDENTS
1984

	Age Group					
Rank	1-14	15-24	25-44	45-64	65+*	Total**
1	Accidents 156	Accidents 411	Malignant Neoplasms 661	Malignant Neoplasms 5,116	Heart Diseases 22,081	Heart Diseases 27,431
2	Malignant Neoplasms 62	Suicide 115	Accidents 566	Heart Diseases 4,803	Malignant Neoplasms 10,738	Malignant Neoplasms 16,655
3	Congenital Anomalies 41	Homicide 115	Heart Diseases 496	Cerebrovascular Diseases 601	Cerebrosvascular Diseases 3,870	Cerebrovascular Diseases 4,605
4	Homicide 20	Malignant Neoplasms 78	Suicide 242	Chronic Liver Diseases and Cirrhosis 489	Pneumonia and Influenza 1,629	Accidents 2,076
5	Symptoms, Signs and Ill-Defined Conditions 14	Heart Diseases 38	Chronic Liver Diseases Cirrhosis 176	Accidents 357	Diabetes Mellitus 1,057	Pneumonia and Influenza 1,933
6	Heart Diseases 13	Pneumonia and Influenza 13	Homicide 169	Diabetes Mellitus 308	Arteriosclerosis 709	Diabetes Mellitus 1,412
7	Infectious and Parasitic Diseases 9	Cerebrovascular Diseases 11	Cerebrovascular Diseases 116	Pneumonia and Influenza 204	Nephritis and Nephrosis 658	Chronic Liver Diseases and Cirrhosis 1,025
8	Cerebrovascular Diseases 17	Symptoms, Signs and Ill-Defined Conditions 11	Symptoms, Signs and Ill-Defined Conditions 85	Suicide 175	Septicemia 605	Nephritis and Nephrosis 810
9	Suicide 5	Congenital Malformations 10	Pneumonia and Influenza 82	Artery, Arterioles, and Capillary 119	Accidents 586	Arteriosclerosis 763
10	Pneumonia and Influenza 5	Infectious and Parasitic Diseases 9	Infectious and Parasitic Diseases 81	Nephritis and Nephrosis 117	Artery, Artericles and Capillary 579	Septicemia 750
11	***	***	Diabetes Mellitus 47	Septicemia 96	Chronic Liver Disease and Cirrhosis 360	Artery, Arterioles, and Capillary 724
12	***	***	Septicemia 42	Homicide 85	Emphysema 317	Suicide 649
Residual****	124	102	668	1,597	5,804	8,986
Total Deaths	415	913	3,431	14,067	48,993	67,819

* Suicides are the 17th ranking cause of death among those persons aged 65 and above with 112 deaths from suicide in that age group.

** Excludes persons <1 year of age and persons of unknown age.

*** Rankings 11 and 12 not shown for young age groups because of small number of cases in categories.

**** Deaths from all other causes.

**** Deaths from all other causes.

Malignant Neoplasms

Malignant Neoplasms were the second leading cause of death in 1984, irrespective of race or sex. The crude mortality rates attributable to malignant neoplasms reported in 1984 as 221.8, in 1983, 220.8, in 1982, 217.3, in 1981, 213.7, and in 1980 at 210.5. Cancer was the second leading cause of death among white males over 44 years of age, and the third leading cause of death for white males aged 15-44. Among white females, cancer was the leading cause of death of women aged 25-64, and the second leading cause of death of those aged 15-24, and those aged 65 and older. Cancer resulted in the second highest death toll among men and women aged 45 and older, and was the leading cause of female mortality in the aged group 25-44. There were 1.1 percent more deaths attributable to malignant neoplasms in 1984 than in 1983.

Cerebrovascular Disease

Although cerebrovascular disease remained the third leading cause of death among New Jersey residents, the number of deaths has dropped for the fourth consecutive year. The overall trend since 1970 has been downward. Fully 84.0% of cerebrovascular disease deaths involved persons 65 and over. The mortality rates continued to remain higher in the white population, and among females compared to males.

Accidental Deaths

The number of accidental deaths dropped from 2,544 in 1981 to 2,373 in 1982 and 2,127 in 1983 to 2,099 in 1984. The accidental death rate correspondingly decreased from 34.4 to 27.9 deaths per 100,000, as a result of a both rise in total population and the decline in accidental deaths. More deaths were attributed to accidents than to any other cause of death among nonwhite males aged 25-44, and the second leading cause of death among white males and white females in this age group.

Influenza and Pneumonia

In 1984 there were 1,959 deaths in this disease category compared to 1,692 in 1983. The result was an increase in mortality from 21.8 in 1981, 20.1 in 1982, and 22.7 in 1983 to 26.1 deaths per 100,000 population in 1984. Influenza and pneumonia was the fourth leading cause of death among the elderly (aged 65+), accounting for 1,629 (or 83.2%) of the 1,959 total influenza and pneumonia deaths reported in 1984.

Suicide

There were 650 resident suicides in 1984, up from both 1983 in which there were 572 resident suicides and 1982 in which 605 resident suicides were recorded. The mortality rate rose to a level of 8.6 per 100,000 over 7.7 in the previous year. Deaths resulting from suicide were most frequent among the white male population, indicating a level of 437. There were 2 white male deaths between the ages of 5 and 14, 82 white male deaths between the ages of 15 and 24, 174 between the ages 25-44, 106 between the ages of 45 and 64, and 73 aged 65+. Among the nonwhite male population there were 52 deaths; these were recorded for men 15-24 (16), those aged 25-44 (21), and among those 45 years of age and over (14). By contrast, the highest age-specific deaths for white females were reported for those aged 25 to 44 and 45-64 (41 and 54 suicides for each of these two age group's respectively during 1984). Only 13 suicides were reported among nonwhite women.

Homicide

Homicide remains a major problem in New Jersey, with 435 unnecessary deaths occurring in 1984. In 1983 there were 447 homicides reported, in 1982 there were 548 reported homicides, in 1981 there were 558 homicides reported, and 530 occurred in 1980. Total homicides and rates per 100,000 population for the three years 1980 through 1982 were considerably higher than for any previous reported year within the State; the decline observed in the homicide rate between 1982 and 1983 was 18.9 percent. The homicide rate for 1984 was 5.8 per 100,000 population. The larger majority of homicides for white males were for the age group 15 to 64, with the highest level within the 25-44 ages. For black males the majority were within the range from 15 to 44. The highest percentage was also in the 25-44 group (69 cases or 43.4 percent). Nonwhite males recorded the highest homicide rate at 28.8 per 100,000 population which was fully six times higher than that for white males (homicide rate of 4.8 per 100,000 population). White females recorded the lowest rate at 2.4 per 100,000 population, while nonwhite females were at 7.2 per 100,000 population.

NEW JERSEY
HOMICIDE AND LEGAL INTERVENTION

1984

TOTAL		MALE				FEMALE			
		White		Nonwhite		White		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
434*	5.8	146	4.8	162	28.8	78	2.4	46	7.2

NOTE: *Total includes 2 males and 1 female of unknown race.

Other Selected Causes of Deaths

Diabetes mellitus accounted for 1,384 deaths in 1981, 1,248 deaths in 1982, 1,411 deaths in 1983 and 1,415 deaths in 1984. The 1983 death rate attributable to diabetes was 18.9 per 100,000 population compared to 18.8 per 100,000 population in 1984.

Chronic liver and cirrhosis diseases accounted for 1,032 deaths in 1984, compared with 1,132 deaths in 1983, 1,055 deaths in 1982 and 1,131 deaths in 1981. The death rate attributable to chronic liver disease and cirrhosis fluctuated as follows between 1981 and 1984: 15.4, 14.2, 15.2 and 13.7 per 100,000 population.

Other diseases of the arteries, arterioles and capillaries produced 725 deaths in 1984 compared with 689 deaths in 1983 and 728 deaths in 1982. The mortality rate for chronic liver disease and cirrhosis declined was 9.6 deaths per 100,000 population in 1984 (and 9.2 deaths per 100,000 population in 1983). Deaths from atherosclerosis numbered 765 yielding a rate of 10.1 per 100,000 population.

Bronchitis, asthma and emphysema deaths rose from 498 in 1983 to 567 in 1984. The corresponding death rates for these two years were 6.7 and 7.5 per 100,000 population.

INFANT, FETAL AND MATERNAL DEATHS

Infant Deaths

Infant mortality refers to deaths of persons under one year of age and is measured directly to the number of live births recorded during the same year. In 1984 the number of infant deaths was 1,090 compared to 1,115 in 1983 and 1,153 in 1982. The infant mortality rate decreased and recorded at 10.8 per 1,000 live births in 1984 compared to levels of 11.3 per 1,000 live births in 1983, and 11.7 per 1,000 live births in 1982. The 1984 infant mortality rate for the U.S. was 10.6 per 1,000 live births. Overall, infant deaths have been on a downward trend since the Department of Health started to collect and maintain statistical records in 1879, and 1984 was no exception to this trend.

There were 705 white and 376 nonwhite infant deaths during 1984 and 9 for whom race was unknown. The infant mortality rate for whites was 9.0 per 1,000 live births, a decrease from 9.3 per 1,000 live births in 1983. Among nonwhites the infant mortality rate also decreased, dropping from 1983 19.2 per 1,000 live births, to 17.8 infant deaths per 1,000 live births during 1984.

Infant deaths due to Respiratory Distress Syndrome increased by 0.68 over those reported in 1983; the numbers increased by one case to 149 in 1984. Sudden death, causes unknown (SID's) and disorders relating to short gestation and unspecified low birthweight were the only two causes within the top ten to show a decrease. Sudden death, cause unknown (SID's), the second ranking cause of infant deaths in 1984, decreased by 4 cases. It should be noted that most deaths attributable to SID's (91.0%) occurred after the neonatal period.

PRINCIPAL CAUSES OF INFANT MORTALITY
1983-1984

	1984		1983		Percent
CAUSE DESCRIPTION (ICD-9 CODE)	Rank	Number	Rank	Number	Change
Respiratory Distress Syndrome (769)	1	149	1	148	+0.68
Sudden Death, Cause Unknown (SID's) (798)	2	111	3	115	-3.48
Other Respiratory Conditions of Fetus and Newborn (770)	3	92	4	85	+8.24
Other and Ill-defined Conditions Originating in Perinatal Period (779)	4	84	5	79	+6.33
Disorders relating to short gestation and unspecified low birthweight (765)	5	83	2	116	-28.45
Other Congenital Anomalies of Heart (746)	6	60	6	55	+9.09
Fatal and neonatal haemorrhage (772)	7	33	22	13	+153.85
Other and unspecified congenital anomalies (759)	8	32	7	37	13.51
Intrauterine hypoxia and birth asphyxia (768)	9	32	13	20	+60.00
Other congenital anomalies of circulatory system (747)	10	25	17	17	+47.06

NOTE: ICD-9 Code 779 includes 779.6, four terminations of pregnancy (fetus).

Neonatal Deaths

Statistically, it has been observed that most infant deaths occurred during the first month of life. These are referred to as Neonatal Deaths. In 1984, there were 744 neonatal deaths, a decrease of 11 neonatal deaths from the number reported in 1983. The 1984 neonatal mortality rate was 7.4, a decrease of 0.2 per 1,000 live births, from the 1983 level of 7.6. New Jersey's 1984 neonatal mortality rate of 7.4 per 1,000 live births is 7.3 percent above the national rate of 6.9 per 1,000 live births. In 1984, there were 508 white and 229 nonwhite neonatal deaths recorded with 7 of unknown race. The neonatal mortality rates for whites and nonwhites were 6.5 and 12.3, respectively in 1983 compared to 6.5 and 10.8, respectively in 1984. The rate for whites remained stable over these two years while the rate among nonwhite mothers decreased by 13.9 percent.

Fetal Deaths

A fetal death is defined as a death occurring prior to complete expulsion or extraction of a fetus from its mother as a product of conception. Other commonly used terms are stillbirth and spontaneous abortion. Fetal deaths occurring after the completion of twenty or more weeks of gestation are required by law to be reported to the State Registrar.

Although the reported number of fetal deaths and the corresponding fetal death rate has declined over the past twenty-five years, the last nine years have been somewhat erratic with no fixed course discernable. In 1958, there were 2,185 fetal deaths with a rate of 16.8 fetal deaths per 1,000 live births. In 1975, 941 fetal deaths were reported producing a rate of 10.3. In 1976 and 1977, 1,004 and 1,083 fetal deaths were recorded producing rates of 11.1 and 11.5, respectively. The figures for the years 1978 to 1981 trended downward until 1982 which increased to a level of 10.3 and registered at a level of 1,008 fetal deaths. In 1983 the level decreased to 839 or 8.5 per 1,000 births but in 1984 the number and rate again both rose to 1,062 fetal deaths for a rate of 10.5 per 1,000 live births.

The number of white fetal deaths decreased from 625 in 1982 to 491 in 1983 and rose to 654 in 1984, while nonwhite fetal deaths decreased from 353 to 323 from 1982 to 1983 and then rose to 374 in 1984. The fetal death rate for the white population declined by 21.7 percent from 8.3 in 1982 to 6.5 in 1983 and then rose to 8.4 per 1,000 live births in 1984. For the nonwhite population, the rate decreased by 8.8 percent from 17.0 in 1982 to 15.5 in 1983 and rose to 17.7 per 1,000 live births in 1984.

Perinatal Deaths

Perinatal mortality is a composite statistic used to measure the critical period in human development just prior to birth and shortly thereafter. Perinatal mortality, as presented herewith includes fetal deaths of 20 weeks or more gestation plus neonatal deaths (infant deaths under 28 days of age). During the last twenty-five years perinatal deaths have been reduced dramatically. The perinatal mortality rate in 1958 was 35.0 and has declined to 17.9 in 1984.

There were 1,806 perinatal deaths in 1984, an increase of 210 from 1983. The perinatal mortality rate increased from 16.1 to 17.9 deaths per 1,000 live births. The same condition observed with Fetal Deaths is also true in the case of Perinatal Deaths. The long-term trend shows a substantial drop over the last fifty years with minor fluctuations recorded for the short term. Perinatal rates for whites and nonwhites were recorded as 14.9 and 28.6 per 1,000 live births, respectively for 1984, an increase from the 1983 rates of 12.9 and 27.7 per 1,000 births, respectively.

Maternal Deaths

Maternal deaths have been reduced drastically since 1940 when they were observed at a level of 172 and with a rate of 29.0. The lowest number occurred in 1980 with only 5 and a rate of 0.5. During 1981 the number moved up to 7 and again increased slightly in 1982, with 11 deaths recorded while in 1983 the number again reached the low of 5 and in 1984 returned to the 1982 level of 11 deaths. The 1984 rate was 1.1 per 10,000 live births (same as in 1982) as compared to the 1983 rate of 0.5 per 10,000 live births and the 1981 rate of 0.7 per 10,000 live births.

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TABLE 1

MORTALITY BY RACE, SEX AND AGE
1968-1984

	TOTAL		RACE		SEX		AGE GROUP						
YEAR	Number	Rate	White	Nonwhite	Male	Female	<1	1-4	5-14	15-24	25-44	45-64	65+
1970	67,976	9.5	60,900	7,049	37,053	30,923	2,406	340	480	1,186	3,652	17,732	42,180
1971	67,680	9.3			36,626	31,054	2,095	347	458	1,253	3,551	17,307	42,669
1972	68,865	9.4	61,740	7,125	37,204	31,661	1,809	340	483	1,189	3,559	17,699	43,786
1973	68,631	9.3	61,599	7,031	37,039	31,592	1,644	314	455	1,296	3,464	17,413	44,045
1974	66,797	9.0	59,943	6,804	36,013	30,784	1,582	291	376	1,239	3,308	16,825	43,176
1975	65,422	8.9	58,775	6,647	35,104	30,318	1,434	241	381	1,256	3,176	16,288	42,646
1976	65,276	8.9	58,530	6,746	34,777	30,499	1,366	205	355	1,158	3,065	16,103	43,024
1977	65,646	8.9	58,920	6,726	35,046	30,600	1,355	196	375	1,199	2,978	15,983	43,560
1978	65,161	8.9	58,778	6,683	34,722	30,439	1,145	207	332	1,153	2,898	15,419	44,007
1979	65,495	8.9	58,435	7,008	34,648	30,846	1,223	191	354	1,233	3,104	15,215	44,115
1980	68,762	9.3	61,310	7,384	35,926	32,834	1,201	190	273	1,255	3,125	15,154	47,498
1981	67,053	9.0	59,693	7,259	34,848	32,203	1,016	207	287	1,125	3,234	14,827	46,303
1982	67,471	9.1	59,978	7,451	34,967	32,504	1,153	194	276	1,069	3,166	14,663	46,899
1983	68,626	9.2	60,924	7,669	35,312	33,311	1,115	163	234	967	3,190	14,439	48,485
1984	68,944	9.2	60,955	7,948	35,323	33,616	1,090	170	245	913	3,431	14,067	48,993

Category totals may not add to total given because data of unknown race, sex, and age group are not shown.

TABLE 2

RESIDENT DEATHS -- BY CAUSE GROUP AND AGE
ALL RACES, BOTH SEXES
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER INTESTINAL INFECTIONS (007-009)	1	0	0	0	0	0	0	1	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	56	0	0	0	0	12	16	28	0
TUBERCULOSIS, OTHER FORMS (013-018)	14	0	0	0	1	8	1	4	0
MENINGOCOCCAL INFECTION (036)	16	3	2	2	2	4	1	2	0
SEPTICEMIA (038)	760	10	1	3	3	42	96	605	0
SYPHILIS & ITS SEQUELAE (090-097)	2	0	0	0	0	0	0	2	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	221	8	5	4	9	81	52	62	0
MALIGNANT NEOPLASMS (140-208)	16662	3	15	47	78	661	5116	10738	4
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	178	1	1	1	5	8	40	122	0
DIABETES MELLITUS (250)	1415	0	0	0	3	47	308	1057	0
NUTRITIONAL DEFICIENCIES (260-269)	82	1	0	0	1	4	5	71	0
ANEMIAS (280-285)	127	1	1	1	4	10	23	87	0
MENINGITIS (320-322)	26	5	2	2	0	1	4	12	0
DISEASES OF THE HEART (390-398,402,404-429)	27460	15	8	5	38	496	4803	22081	14
HYPERTENSION (401,403)	224	0	0	0	0	3	39	182	0
CEREBROVASCULAR DISEASE (430-438)	4609	4	0	7	11	116	601	3870	0
ARTERIOSCLEROSIS (440)	765	0	0	0	0	1	53	709	2
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	725	1	0	0	2	24	119	579	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	18	0	1	0	1	2	1	13	0
PNEUMONIA & INFLUENZA (480-487)	1959	24	4	1	13	82	204	1629	2
CHRONIC & UNSPEC BRONCHITIS (490-491)	101	2	0	1	0	0	15	83	0
EMPHYSEMA (492)	380	0	0	0	0	3	60	317	0
ASTHMA (493)	86	0	0	4	1	11	30	40	0
ULCER OF STOMACH & DUODENUM (531-533)	209	0	0	0	0	8	42	159	0
APPENDICITIS (540-543)	14	0	1	0	1	0	1	11	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	201	1	0	2	2	6	19	171	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1032	0	0	0	3	176	489	360	4
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	90	0	0	0	0	3	9	78	0
NEPHRITIS & NEPHROSIS (580-589)	818	8	1	1	1	32	117	658	0
INFECTIONS OF KIDNEY (590)	39	0	0	0	0	2	4	33	0
HYPERPLASIA OF PROSTRATE (600)	14	0	0	0	0	0	0	14	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	11	0	0	1	1	9	0	0	0
CONGENITAL ANOMALIES (740-759)	368	245	25	16	10	25	30	17	0

TABLE-2 (CONTINUED)

					AGE				
CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
EARLY INFANT MORTALITY (760-779)	570	567	2	1	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	377	120	11	3	11	85	47	100	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	925	0	12	49	279	258	160	166	1
OTHER ACCIDENTS (E800-E807,E826-E949)	1174	18	47	48	132	308	197	420	4
SUICIDE (E950-E959)	650	0	0	5	115	242	175	112	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	435	3	6	14	115	169	85	42	1
ALL OTHER EXTERNAL CAUSES (E980-E999)	68	2	1	1	8	27	17	12	0
RESIDUAL	6062	48	24	26	63	465	1088	4346	2
TOTAL	68944	1090	170	245	913	3431	14067	48993	35

WHITE - MALE
1984

					AGE				
CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	13	0	0	0	0	3	3	7	0
TUBERCULOSIS, OTHER FORMS (013-018)	4	0	0	0	0	2	1	1	0
MENINGOCOCCAL INFECTION (036)	5	3	0	1	0	0	0	1	0
SEPTICEMIA (038)	267	6	0	0	2	4	43	212	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	83	4	3	1	5	20	28	22	0
MALIGNANT NEOPLASMS (140-208)	7668	0	5	15	37	237	2247	5126	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	58	0	0	0	1	2	15	40	0
DIABETES MELLITUS (250)	513	0	0	0	3	21	138	351	0
NUTRITIONAL DEFICIENCIES (260-269)	30	0	0	0	1	2	3	24	0
ANEMIAS (280-285)	48	0	0	0	0	3	14	31	0
MENINGITIS (320-322)	9	1	1	1	0	0	2	4	0
DISEASES OF THE HEART (390-398,402,404-429)	12725	5	2	2	19	286	3000	9407	4

TABLE-2 (CONTINUED)

WHITE - MALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
HYPERTENSION (401,403)	73	0	0	0	0	0	9	64	0
CEREBROVASCULAR DISEASE (430-438)	1564	1	0	2	5	31	227	1298	0
ARTERIOSCLEROSIS (440)	274	0	0	0	0	0	28	246	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	412	0	0	0	1	14	77	320	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	6	0	0	0	0	1	1	4	0
PNEUMONIA & INFLUENZA (480-487)	841	7	2	1	9	29	92	701	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	49	0	0	0	0	0	7	42	0
EMPHYSEMA (492)	235	0	0	0	0	2	36	197	0
ASTHMA (493)	15	0	0	1	0	2	6	6	0
ULCER OF STOMACH & DUODENUM (531-533)	97	0	0	0	0	5	22	70	0
APPENDICITIS (540-543)	2	0	0	0	0	0	0	2	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	74	0	0	1	1	5	6	61	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	538	0	0	0	0	76	284	178	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	40	0	0	0	0	1	3	36	0
NEPHRITIS & NEPHROSIS (580-589)	333	5	0	0	1	8	38	281	0
INFECTIONS OF KIDNEY (590)	4	0	0	0	0	0	0	4	0
HYPERPLASIA OF PROSTRATE (600)	11	0	0	0	0	0	0	11	0
CONGENITAL ANOMALIES (740-759)	162	108	9	8	5	12	15	5	0
EARLY INFANT MORTALITY (760-779)	221	219	2	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	155	36	5	1	5	45	26	37	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	531	0	5	28	169	164	79	85	1
OTHER ACCIDENTS (E800-E807,E826-E949)	574	6	15	17	85	174	101	175	1
SUICIDE (E950-E959)	437	0	0	2	82	174	106	73	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	146	0	2	3	31	62	35	13	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	37	0	0	0	6	13	12	6	0
RESIDUAL	2668	11	8	9	31	162	503	1944	0
*TOTAL DEATHS WHITE - MALE	30922	412	59	93	499	1560	7207	21085	7

TABLE-2 (CONTINUED)

WHITE - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER INTESTINAL INFECTIONS (007-009)	1	0	0	0	0	0	0	1	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	15	0	0	0	0	0	1	14	0
TUBERCULOSIS, OTHER FORMS (013-018)	4	0	0	0	0	1	0	3	0
MENINGOCOCCAL INFECTION (036)	5	0	1	0	2	0	1	1	0
SEPTICEMIA (038)	363	1	1	1	1	16	28	315	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	0	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	61	2	2	2	1	10	12	32	0
MALIGNANT NEOPLASMS (140-208)	7113	2	7	22	30	287	2062	4703	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	98	0	1	1	3	3	18	72	0
DIABETES MELLITUS (250)	694	0	0	0	0	12	104	578	0
NUTRITIONAL DEFICIENCIES (260-269)	43	0	0	0	0	1	0	42	0
ANEMIAS (280-285)	58	0	0	1	1	1	4	51	0
MENINGITIS (320-322)	10	1	0	1	0	0	0	8	0
DISEASES OF THE HEART (390-398,402,404-429)	12484	6	3	2	8	74	1151	11237	3
HYPERTENSION (401,403)	104	0	0	0	0	1	13	90	0
CEREBROVASCULAR DISEASE (430-438)	2482	0	0	3	5	37	213	2224	0
ARTERIOSCLEROSIS (440)	447	0	0	0	0	1	19	426	1
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	242	1	0	0	1	4	23	213	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	9	0	0	0	0	1	0	8	0
PNEUMONIA & INFLUENZA (480-487)	890	6	1	0	2	9	56	816	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	45	2	0	1	0	0	4	38	0
EMPHYSEMA (492)	126	0	0	0	0	0	21	105	0
ASTHMA (493)	41	0	0	0	0	4	9	28	0
ULCER OF STOMACH & DUODENUM (531-533)	89	0	0	0	0	0	12	77	0
APPENDICITIS (540-543)	6	0	0	0	0	0	0	6	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	105	1	0	0	1	0	9	94	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	323	0	0	0	1	39	123	160	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	44	0	0	0	0	0	5	39	0
NEPHRITIS & NEPHROSIS (580-589)	320	0	1	0	0	6	33	280	0
INFECTIONS OF KIDNEY (590)	33	0	0	0	0	2	3	28	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	7	0	0	0	0	7	0	0	0
CONGENITAL ANOMALIES (740-759)	135	84	13	5	2	9	10	12	0
EARLY INFANT MORTALITY (760-779)	147	147	0	0	0	0	0	0	0

TABLE-2 (CONTINUED)

WHITE - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	116	27	3	2	3	12	15	54	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	249	0	3	7	69	54	50	66	0
OTHER ACCIDENTS (E800-E807,E826-E949)	349	0	8	12	15	48	45	220	1
SUICIDE (E950-E959)	147	0	0	3	13	41	54	36	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	78	0	0	5	18	21	16	18	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	13	0	0	1	2	4	2	4	0
RESIDUAL	2532	11	9	8	14	66	342	2081	1
*TOTAL DEATHS WHITE - FEMALE	30029	291	53	77	192	771	4458	24181	6

BLACK - MALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	19	0	0	0	0	7	9	3	0
TUBERCULOSIS, OTHER FORMS (013-018)	4	0	0	0	0	4	0	0	0
MENINGOCOCCAL INFECTION (036)	5	0	1	1	0	3	0	0	0
SEPTICEMIA (038)	68	3	0	0	0	14	13	38	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	0	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	48	1	0	1	3	36	4	3	0
MALIGNANT NEOPLASMS (140-208)	1037	0	2	4	5	63	450	511	2
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	9	0	0	0	0	3	4	2	0
DIABETES MELLITUS (250)	85	0	0	0	0	10	36	39	0
NUTRITIONAL DEFICIENCIES (260-269)	3	0	0	0	0	0	1	2	0
ANEMIAS (280-285)	12	1	1	0	2	6	1	1	0
MENINGITIS (320-322)	3	1	0	0	0	1	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1072	3	3	1	6	81	395	581	2
HYPERTENSION (401,403)	19	0	0	0	0	1	7	11	0
CEREBROVASCULAR DISEASE (430-438)	245	3	0	1	1	29	83	128	0
ARTERIOSCLEROSIS (440)	12	0	0	0	0	0	1	11	0

TABLE-2 (CONTINUED)

BLACK - MALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	37	0	0	0	0	4	10	23	0
PNEUMONIA & INFLUENZA (480-487)	130	5	0	0	1	28	38	56	2
CHRONIC & UNSPEC BRONCHITIS (490-491)	3	0	0	0	0	0	1	2	0
EMPHYSEMA (492)	11	0	0	0	0	0	3	8	0
ASTHMA (493)	13	0	0	3	1	2	6	1	0
ULCER OF STOMACH & DUODENUM (531-533)	13	0	0	0	0	2	5	6	0
APPENDICITIS (540-543)	1	0	0	0	1	0	0	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	9	0	0	1	0	1	2	5	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	100	0	0	0	1	38	44	15	2
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	0	0	0	0	1	1	1	0
NEPHRITIS & NEPHROSIS (580-589)	71	1	0	0	0	10	24	36	0
HYPERPLASIA OF PROSTRATE (600)	3	0	0	0	0	0	0	3	0
CONGENITAL ANOMALIES (740-759)	26	23	1	0	1	1	0	0	0
EARLY INFANT MORTALITY (760-779)	105	105	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	57	28	3	0	2	17	3	4	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	110	0	2	10	30	33	23	12	0
OTHER ACCIDENTS (E800-E807,E826-E949)	178	4	15	13	27	61	41	15	2
SUICIDE (E950-E959)	49	0	0	0	16	19	11	2	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	159	2	1	4	48	69	28	7	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	12	0	1	0	0	9	1	1	0
RESIDUAL	480	16	5	3	9	154	153	140	0
*TOTAL DEATHS BLACK - MALE	4212	196	35	42	154	707	1399	1668	11

TABLE-2 (CONTINUED)

BLACK - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	8	0	0	0	0	2	2	4	0
TUBERCULOSIS, OTHER FORMS (013-018)	2	0	0	0	1	1	0	0	0
MENINGOCOCCAL INFECTION (036)	1	0	0	0	0	1	0	0	0
SEPTICEMIA (038)	61	0	0	2	0	8	12	39	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	26	1	0	0	0	13	7	5	0
MALIGNANT NEOPLASMS (140-208)	764	1	0	5	3	61	324	370	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	11	1	0	0	1	0	3	6	0
DIABETES MELLITUS (250)	118	0	0	0	0	4	29	85	0
NUTRITIONAL DEFICIENCIES (260-269)	6	1	0	0	0	1	1	3	0
ANEMIAS (280-285)	9	0	0	0	1	0	4	4	0
MENINGITIS (320-322)	3	1	1	0	0	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1097	1	0	0	5	43	240	807	1
HYPERTENSION (401,403)	27	0	0	0	0	1	10	16	0
CEREBROVASCULAR DISEASE (430-438)	294	0	0	1	0	17	72	204	0
ARTERIOSCLEROSIS (440)	30	0	0	0	0	0	5	24	1
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	31	0	0	0	0	2	8	21	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	0	1	0	0	0	0	1	0
PNEUMONIA & INFLUENZA (480-487)	90	6	0	0	1	14	17	52	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	3	0	0	0	0	0	2	1	0
EMPHYSEMA (492)	5	0	0	0	0	1	0	4	0
ASTHMA (493)	16	0	0	0	0	3	9	4	0
ULCER OF STOMACH & DUODENUM (531-533)	7	0	0	0	0	1	1	5	0
APPENDICITIS (540-543)	5	0	1	0	0	0	1	3	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	13	0	0	0	0	0	2	11	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	65	0	0	0	0	23	37	5	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	0	0	0	0	1	0	2	0
NEPHRITIS & NEPHROSIS (580-589)	90	2	0	1	0	7	21	59	0
INFECTIONS OF KIDNEY (590)	2	0	0	0	0	0	1	1	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	4	0	0	1	1	2	0	0	0
CONGENITAL ANOMALIES (740-759)	31	17	2	2	2	3	5	0	0
EARLY INFANT MORTALITY (760-779)	85	84	0	1	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	45	28	0	0	1	8	3	5	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	26	0	2	3	7	4	7	3	0

TABLE-2 (CONTINUED)

BLACK - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER ACCIDENTS (E800-E807,E826-E949)	64	7	8	5	4	22	8	10	0
SUICIDE (E950-E959)	12	0	0	0	4	4	3	1	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	44	1	3	2	17	14	4	3	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	5	2	0	0	0	1	1	1	0
RESIDUAL	357	10	2	5	8	77	85	170	0
*TOTAL DEATHS BLACK - FEMALE	3462	163	20	28	56	339	925	1929	2

TABLE-2 (CONTINUED)

OTHER - MALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SEPTICEMIA (038)	1	0	0	0	0	0	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	2	0	0	0	0	1	1	0	0
MALIGNANT NEOPLASMS (140-208)	36	0	0	1	2	6	15	12	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	0	1	0
DIABETES MELLITUS (250)	1	0	0	0	0	0	0	1	0
DISEASES OF THE HEART (390-398,402,404-429)	48	0	0	0	0	7	13	27	1
HYPERTENSION (401,403)	1	0	0	0	0	0	0	1	0
CEREBROVASCULAR DISEASE (430-438)	5	0	0	0	0	2	1	2	0
ARTERIOSCLEROSIS (440)	2	0	0	0	0	0	0	2	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	2	0	0	0	0	0	0	2	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	1	0	0	0	1	0	0	0	0
PNEUMONIA & INFLUENZA (480-487)	6	0	1	0	0	2	0	3	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	1	0	0	0	0	0	1	0	0
EMPHYSEMA (492)	3	0	0	0	0	0	0	3	0
ASTHMA (493)	1	0	0	0	0	0	0	1	0
ULCER OF STOMACH & DUODENUM (531-533)	2	0	0	0	0	0	2	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	4	0	0	0	1	0	1	2	0
NEPHRITIS & NEPHROSIS (580-589)	1	0	0	0	0	0	0	1	0
CONGENITAL ANOMALIES (740-759)	5	4	0	1	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	5	5	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	2	0	0	0	0	2	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	0	0	1	1	1	1	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	6	1	0	1	1	1	2	0	0
SUICIDE (E950-E959)	3	0	0	0	0	2	1	0	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	3	0	0	0	1	1	0	1	0
RESIDUAL	15	0	0	1	0	4	3	7	0
*TOTAL DEATHS OTHER - MALE	161	10	1	5	7	29	41	67	1

TABLE-2 (CONTINUED)

OTHER - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	1	0	0	0	0	1	0	0	0
MALIGNANT NEOPLASMS (140-208)	36	0	1	0	1	5	14	15	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	0	1	0
DIABETES MELLITUS (250)	3	0	0	0	0	0	1	2	0
DISEASES OF THE HEART (390-398,402,404-429)	24	0	0	0	0	5	4	15	0
CEREBROVASCULAR DISEASE (430-438)	18	0	0	0	0	0	5	13	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	1	0	0	0	0	0	1	0	0
PNEUMONIA & INFLUENZA (480-487)	1	0	0	0	0	0	1	0	0
NEPHRITIS & NEPHROSIS (580-589)	3	0	0	0	0	1	1	1	0
CONGENITAL ANOMALIES (740-759)	3	3	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	2	2	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	1	1	0	0	0	0	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	0	0	0	2	2	0	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	3	0	1	0	0	2	0	0	0
SUICIDE (E950-E959)	1	0	0	0	0	1	0	0	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	2	0	0	0	0	1	1	0	0
RESIDUAL	8	0	0	0	1	2	2	3	0
*TOTAL DEATHS OTHER - FEMALE	112	6	2	0	4	20	30	50	0

TABLE-2 (CONTINUED)

UNKNOWN - MALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	1	0	0	0	0	0	1	0	0
MALIGNANT NEOPLASMS (140-208)	7	0	0	0	0	2	3	1	1
DIABETES MELLITUS (250)	1	0	0	0	0	0	0	1	0
DISEASES OF THE HEART (390-398,402,404-429)	6	0	0	0	0	0	0	3	3
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	2	0	0	0	0	0	0	0	2
CONGENITAL ANOMALIES (740-759)	1	1	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	3	3	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	1	0	0	0	0	1	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	0	0	0	1	0	0	0	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	2	0	0	0	0	1	0	0	1
ALL OTHER EXTERNAL CAUSES (E980-E999)	1	0	0	0	0	0	1	0	0
RESIDUAL	2	0	0	0	0	0	0	1	1
*TOTAL DEATHS UNKNOWN - MALE	28	4	0	0	1	4	5	6	8

UNKNOWN - FEMALE
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MENINGITIS (320-322)	1	1	0	0	0	0	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	4	0	0	0	0	0	0	4	0
CEREBROVASCULAR DISEASE (430-438)	1	0	0	0	0	0	0	1	0
PNEUMONIA & INFLUENZA (480-487)	1	0	0	0	0	0	0	1	0
ULCER OF STOMACH & DUODENUM (531-533)	1	0	0	0	0	0	0	1	0
CONGENITAL ANOMALIES (740-759)	2	2	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	2	2	0	0	0	0	0	0	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	1	0	0	0	0	0	1	0	0
*TOTAL DEATHS UNKNOWN - FEMALE	13	5	0	0	0	0	1	7	0

TABLE-2 (CONTINUED)

WHITE - UNKNOWN SEX
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MALIGNANT NEOPLASMS (140-208)	1	0	0	0	0	0	1	0	0
CONGENITAL ANOMALIES (740-759)	2	2	0	0	0	0	0	0	0
SUICIDE (E950-E959)	1	0	0	0	0	1	0	0	0
*TOTAL DEATHS WHITE - UNKNOWN SEX	4	2	0	0	0	1	1	0	0

BLACK - UNKNOWN SEX
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
CONGENITAL ANOMALIES (740-759)	1	1	0	0	0	0	0	0	0
*TOTAL DEATHS BLACK - UNKNOWN SEX	1	1	0	0	0	0	0	0	0
TOTAL	68944	1090	170	245	913	3431	14067	48993	35

TABLE 3

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY AGE GROUP
1984

CAUSE	TOTAL	AGE GROUP <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
A	332	1	0	0	0	18	140	173	0
B	4733	0	0	0	4	102	1179	3448	0
C	4401	0	1	1	1	90	1704	2601	3
D	1615	0	0	0	1	128	606	880	0
E	1785	0	0	0	4	60	421	1299	1
F	658	0	0	1	2	15	170	470	0
G	1738	1	12	25	29	127	526	1018	0
H	583	1	2	19	22	47	126	366	0
I	817	0	0	1	15	74	244	483	0
TOTAL	16662	3	15	47	78	661	5116	10738	4

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE 4

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY RACE AND SEX
1984

		TOTAL			WHITE			BLACK			OTHER		
CAUSE	TOTAL	MALE	FEMALE	UNKN	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
A	332	232	100	0	269	181	88	59	48	11	4	3	1
B	4733	2535	2197	1	4187	2237	1949	522	286	236	24	12	12
C	4401	2976	1425	0	3861	2576	1285	525	391	134	15	9	6
D	1615	9	1606	0	1466	9	1457	143	0	143	6	0	6
E	1785	899	886	0	1549	775	774	231	122	109	5	2	3
F	658	418	240	0	590	374	216	61	39	22	7	5	2
G	1738	913	825	0	1596	824	772	138	87	51	4	2	2
H	583	312	271	0	527	284	243	50	23	27	6	5	1
I	817	454	363	0	737	408	329	72	41	31	8	5	3
TOTAL	16662	8748	7913	1	14782	7668	7113	1801	1037	764	79	43	36

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE 5

RESIDENT DEATHS -- BY CAUSE AND COUNTY
1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	1	2	3	4	5	6	7
OTHER INTESTINAL INFECTIONS (007-009)	1	0	0	0	0	0	0	1
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	56	2	3	0	4	0	1	19
TUBERCULOSIS, OTHER FORMS (013-018)	14	1	0	1	2	0	0	3
MENINGOCOCCAL INFECTION (036)	16	0	1	1	2	0	0	4
SEPTICEMIA (038)	760	26	61	22	44	8	9	126
SYPHILIS & ITS SEQUELAE (090-097)	2	0	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	221	8	18	2	13	2	3	49
MALIGNANT NEOPLASMS (140-208)	16662	544	2010	647	1072	257	249	1837
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	178	5	22	1	3	2	1	27
DIABETES MELLITUS (250)	1415	55	143	47	90	16	20	195
NUTRITIONAL DEFICIENCIES (260-269)	82	6	10	1	10	1	3	8
ANEMIAS (280-285)	127	4	8	3	9	1	1	20
MENINGITIS (320-322)	26	0	8	3	0	0	0	3
DISEASES OF THE HEART (390-398,402,404-429)	27460	941	3217	1067	1707	460	522	3024
HYPERTENSION (401,403)	224	3	24	8	15	6	7	30
CEREBROVASCULAR DISEASE (430-438)	4609	194	508	186	261	94	75	529
ARTERIOSCLEROSIS (440)	765	43	84	24	53	25	9	55
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	725	24	76	27	45	15	22	74
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	18	0	0	0	1	0	2	5
PNEUMONIA & INFLUENZA (480-487)	1959	67	215	72	99	19	31	248
CHRONIC & UNSPEC BRONCHITIS (490-491)	101	4	9	6	7	1	3	6
EMPHYSEMA (492)	380	9	34	27	19	3	2	45
ASTHMA (493)	86	2	7	2	7	0	3	18
ULCER OF STOMACH & DUODENUM (531-533)	209	3	30	7	6	3	4	22
APPENDICITIS (540-543)	14	0	3	0	3	0	0	3
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	201	7	15	11	9	1	5	27
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1032	30	107	32	44	14	17	143
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	90	3	8	2	3	5	0	8
NEPHRITIS & NEPHROSIS (580-589)	818	25	65	32	52	19	16	140

** COUNTIES **

1= ATLANTIC	3= BURLINGTON	5= CAPE MAY	7= ESSEX
2= BERGEN	4= CAMDEN	6= CUMBERLAND	

TABLE-5 (CONTINUED)

1984

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	COUNTY 1	2	3	4	5	6	7
INFECTIONS OF KIDNEY (590)	39	0	5	1	3	0	0	1
HYPERPLASIA OF PROSTRATE (600)	14	1	2	0	0	0	0	1
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	11	0	0	0	2	0	0	2
CONGENITAL ANOMALIES (740-759)	368	9	27	16	30	5	8	45
EARLY INFANT MORTALITY (760-779)	570	17	25	25	50	8	20	94
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	377	18	52	13	30	8	6	59
MOTOR VEHICLE ACCIDENTS (E810-E825)	925	31	76	68	67	26	37	92
OTHER ACCIDENTS (E800-E807,E826-E949)	1174	46	107	45	70	13	22	179
SUICIDE (E950-E959)	650	27	66	30	64	10	14	54
HOMICIDE & LEGAL INTERVENTION(E960-E978)	435	21	22	8	35	2	10	103
ALL OTHER EXTERNAL CAUSES (E980-E999)	68	4	9	1	4	0	0	15
RESIDUAL	6062	212	592	239	377	78	134	825
TOTAL	68944	2392	7669	2677	4312	1102	1256	8139

** COUNTIES **

1= ATLANTIC	3= BURLINGTON	5= CAPE MAY	7= ESSEX
2= BERGEN	4= CAMDEN	6= CUMBERLAND	

TABLE-5 (CONTINUED)

1984

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	1	7	0	1	3	1	0	3
TUBERCULOSIS, OTHER FORMS (013-018)	1	4	0	0	0	1	0	0
MENINGOCOCCAL INFECTION (036)	0	1	1	1	1	0	0	1
SEPTICEMIA (038)	22	91	3	23	35	71	18	65
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	4	21	1	6	9	10	6	16
MALIGNANT NEOPLASMS (140-208)	431	1325	153	646	1188	1246	733	1235
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	6	21	0	6	16	18	4	14
DIABETES MELLITUS (250)	32	134	10	71	99	108	50	88
NUTRITIONAL DEFICIENCIES (260-269)	0	8	1	5	2	3	3	5
ANEMIAS (280-285)	2	11	0	6	10	9	5	8
MENINGITIS (320-322)	0	3	0	2	2	0	1	1
DISEASES OF THE HEART (390-398,402,404-429)	638	2310	252	1132	1841	1956	1108	2122
HYPERTENSION (401,403)	3	16	2	11	6	19	14	17
CEREBROVASCULAR DISEASE (430-438)	116	344	40	157	282	382	208	322
ARTERIOSCLEROSIS (440)	41	37	6	18	107	106	17	43
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	20	47	11	41	49	39	31	59
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	1	0	1	0	0	2	0	1
PNEUMONIA & INFLUENZA (480-487)	17	144	24	71	164	132	158	97
CHRONIC & UNSPEC BRONCHITIS (490-491)	3	8	2	3	5	12	3	7
EMPHYSEMA (492)	3	26	5	22	18	51	21	30
ASTHMA (493)	2	5	0	2	5	6	3	5
ULCER OF STOMACH & DUODENUM (531-533)	3	24	3	10	15	16	9	14
APPENDICITIS (540-543)	0	0	0	0	1	1	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	3	22	3	14	13	13	7	11
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	22	123	6	47	74	64	38	82
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	2	7	1	7	9	7	6	6
NEPHRITIS & NEPHROSIS (580-589)	21	99	7	23	38	59	22	63
INFECTIONS OF KIDNEY (590)	2	2	0	0	5	2	4	1
HYPERPLASIA OF PROSTRATE (600)	0	1	0	0	1	1	0	2

** COUNTIES **

8= GLOUCESTER
9= HUDSON
10= HUNTERDON
11= MERCER
12= MIDDLESEX
13= MONMOUTH
14= MORRIS
15= OCEAN

TABLE-5 (CONTINUED)

1984

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	0	0	0	0	2	0	0	1
CONGENITAL ANOMALIES (740-759)	12	41	7	11	28	27	11	11
EARLY INFANT MORTALITY (760-779)	16	56	3	28	43	38	25	32
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	5	37	6	14	30	13	10	12
MOTOR VEHICLE ACCIDENTS (E810-E825)	34	40	6	47	64	61	55	60
OTHER ACCIDENTS (E800-E807,E826-E949)	25	118	13	49	78	71	44	56
SUICIDE (E950-E959)	20	51	7	22	49	44	42	34
HOMICIDE & LEGAL INTERVENTION(E960-E978)	9	61	3	19	13	23	13	12
ALL OTHER EXTERNAL CAUSES (E980-E999)	0	14	0	2	2	4	1	1
RESIDUAL	144	567	38	274	383	416	264	344
TOTAL	1661	5826	615	2791	4690	5032	2934	4881

** COUNTIES **

8= GLOUCESTER
10= HUNTERDON
12= MIDDLESEX
14= MORRIS
9= HUDSON
11= MERCER
13= MONMOUTH
15= OCEAN

TABLE-5 (CONTINUED)

1984

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 16	17	18	19	20	21	22	23
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	6	1	0	0	4	0	0	0
TUBERCULOSIS, OTHER FORMS (013-018)	0	0	0	0	1	0	0	0
MENINGOCOCCAL INFECTION (036)	3	0	0	0	0	0	0	0
SEPTICEMIA (038)	30	9	9	6	70	11	0	1
SYPHILIS & ITS SEQUELAE (090-097)	0	0	1	0	1	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	16	4	5	3	23	2	0	0
MALIGNANT NEOPLASMS (140-208)	939	132	382	189	1248	198	0	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	6	3	3	1	14	5	0	0
DIABETES MELLITUS (250)	103	12	24	8	97	13	0	0
NUTRITIONAL DEFICIENCIES (260-269)	3	1	4	2	4	2	0	0
ANEMIAS (280-285)	7	0	2	2	17	2	0	0
MENINGITIS (320-322)	1	0	0	0	2	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1682	251	590	311	1940	384	2	3
HYPERTENSION (401,403)	12	1	5	3	18	4	0	0
CEREBROVASCULAR DISEASE (430-438)	295	40	100	55	375	46	0	0
ARTERIOSCLEROSIS (440)	28	3	16	8	37	5	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	37	14	15	13	55	11	0	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	0	0	0	3	0	0	0
PNEUMONIA & INFLUENZA (480-487)	127	18	44	27	157	26	2	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	8	2	0	4	7	1	0	0
EMPHYSEMA (492)	26	2	7	8	19	3	0	0
ASTHMA (493)	4	0	1	0	13	1	0	0
ULCER OF STOMACH & DUODENUM (531-533)	16	2	9	5	8	0	0	0
APPENDICITIS (540-543)	0	0	1	0	1	1	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	11	1	7	2	16	3	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	77	9	21	5	70	5	0	2
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	7	1	3	1	3	1	0	0
NEPHRITIS & NEPHROSIS (580-589)	58	6	9	6	46	11	0	1
INFECTIONS OF KIDNEY (590)	5	1	0	0	6	1	0	0

** COUNTIES **

16= PASSAIC 18= SOMERSET 20= UNION 22= STATE INST
17= SALEM 19= SUSSEX 21= WARREN 23= MILITARY

TABLE-5 (CONTINUED)

1984

	COUNTY							
CAUSE GROUP AND RELATED ICD-9 CODES	16	17	18	19	20	21	22	23
HYPERPLASIA OF PROSTRATE (600)	1	0	0	1	3	0	0	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	2	0	1	0	1	0	0	0
CONGENITAL ANOMALIES (740-759)	31	3	11	5	23	4	1	2
EARLY INFANT MORTALITY (760-779)	28	8	9	7	32	6	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	24	3	7	4	22	3	0	1
MOTOR VEHICLE ACCIDENTS (E810-E825)	40	17	23	21	44	15	1	0
OTHER ACCIDENTS (E800-E807,E826-E949)	74	10	38	12	95	8	1	0
SUICIDE (E950-E959)	40	7	17	13	28	11	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	47	4	5	1	23	1	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	9	0	1	0	1	0	0	0
RESIDUAL	371	35	144	79	475	70	0	1
TOTAL	4176	600	1514	802	5002	854	7	12

** COUNTIES **

16= PASSAIC 18= SOMERSET 20= UNION 22= STATE INST
17= SALEM 19= SUSSEX 21= WARREN 23= MILITARY

TABLE 6

RESIDENT DEATHS BY MONTH
1984

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	2392	212	209	217	206	210	182	189	190	206	177	180	214	0
BERGEN	7669	681	683	685	628	619	675	596	540	602	627	655	678	0
BURLINGTON	2677	232	224	251	227	212	207	214	221	223	223	224	219	0
CAMDEN	4312	366	392	401	378	331	335	337	326	337	359	361	389	0
CAPE MAY	1102	88	97	89	99	86	82	88	90	88	98	95	102	0
CUMBERLAND	1256	115	92	119	102	121	94	101	103	81	103	103	122	0
ESSEX	8139	725	687	727	693	639	699	622	611	687	640	693	716	0
GLOUCESTER	1661	152	134	150	123	139	135	137	148	131	122	134	156	0
HUDSON	5826	545	517	503	429	511	506	477	460	405	441	494	538	0
HUNTERDON	615	59	50	54	52	51	52	42	52	49	46	52	56	0
MERCER	2791	273	197	239	250	236	200	218	219	221	217	262	259	0
MIDDLESEX	4690	422	379	446	361	360	346	371	389	349	383	427	457	0
MONMOUTH	5032	447	418	439	405	438	436	390	386	384	398	425	466	0
MORRIS	2934	268	221	274	243	248	223	246	222	222	263	262	242	0
OCEAN	4881	461	407	452	403	403	393	371	379	350	395	412	455	0
PASSAIC	4176	403	334	395	351	341	309	305	321	336	363	351	367	0
SALEM	600	47	52	60	52	56	39	70	38	31	65	48	42	0
SOMERSET	1514	165	115	141	129	116	114	100	116	127	137	116	138	0
SUSSEX	802	71	64	58	66	75	56	66	58	69	76	78	65	0
UNION	5002	433	428	423	407	438	391	393	406	392	422	419	450	0
WARREN	854	73	82	80	74	66	71	63	62	71	69	65	78	0
STATE INST	7	0	0	0	0	1	1	1	1	0	3	0	0	0
MILITARY	12	1	0	2	1	0	1	1	1	0	2	1	2	0
TOTAL	68944	6239	5782	6205	5679	5697	5547	5398	5339	5361	5629	5857	6211	0

TABLE 7

RESIDENT DEATHS -- BY COUNTY AND AGE
1984

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	2392	38	3	9	36	114	435	1756	1
BERGEN	7669	55	8	13	66	301	1491	5732	3
BURLINGTON	2677	46	11	13	43	137	630	1797	0
CAMDEN	4312	92	19	25	61	209	938	2967	1
CAPE MAY	1102	16	2	2	7	30	165	879	1
CUMBERLAND	1256	27	6	7	23	45	257	891	0
ESSEX	8139	186	31	36	119	599	1801	5347	20
GLOUCESTER	1661	29	4	10	26	78	355	1159	0
HUDSON	5826	108	12	16	77	393	1269	3946	5
HUNTERDON	615	8	1	1	7	35	107	456	0
MERCER	2791	46	12	7	54	145	590	1936	1
MIDDLESEX	4690	73	12	15	61	225	1140	3164	0
MONMOUTH	5032	74	9	17	71	204	989	3667	1
MORRIS	2934	40	6	13	45	137	634	2059	0
OCEAN	4881	45	8	15	41	148	694	3929	1
PASSAIC	4176	70	8	13	61	232	817	2974	1
SALEM	600	16	2	2	14	31	108	427	0
SOMERSET	1514	21	5	5	25	68	342	1048	0
SUSSEX	802	15	3	4	15	36	146	583	0
UNION	5002	69	8	19	50	229	1017	3610	0
WARREN	854	11	0	3	9	31	140	660	0
STATE INST	7	0	0	0	2	1	0	4	0
MILITARY	12	5	0	0	0	3	2	2	0
TOTAL	58944	1090	170	245	913	3431	14067	48993	35

TABLE 8

RESIDENT DEATHS--BY COUNTY, SEX AND AGE
1984

COUNTY OF RESIDENCE	TOTAL	MALE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1191	24	1	6	28	81	246	804	1
BERGEN	3787	28	5	7	51	190	903	2602	1
BURLINGTON	1366	25	5	8	26	87	405	810	0
CAMDEN	2229	56	10	15	42	139	591	1376	0
CAPE MAY	564	8	2	1	3	22	98	430	0
CUMBERLAND	656	12	3	4	20	27	165	425	0
ESSEX	4181	108	19	18	93	419	1096	2408	20
GLOUCESTER	870	20	3	4	18	55	224	546	0
HUDSON	3006	62	5	12	61	286	780	1797	3
HUNTERDON	325	5	1	0	5	22	71	221	0
MERCER	1430	28	8	5	38	97	360	894	0
MIDDLESEX	2463	39	7	10	40	149	694	1524	0
MONMOUTH	2511	39	3	9	52	127	626	1654	1
MORRIS	1463	27	3	5	30	90	397	911	0
OCEAN	2634	25	6	9	33	87	426	2047	1
PASSAIC	2150	42	6	8	37	159	517	1381	0
SALEM	302	8	1	2	10	19	62	200	0
SOMERSET	778	11	2	2	16	44	209	494	0
SUSSEX	426	7	1	2	14	25	92	285	0
UNION	2557	38	4	11	35	153	600	1716	0
WARREN	422	6	0	2	7	22	89	296	0
STATE INST	5	0	0	0	2	0	0	3	0
MILITARY	7	4	0	0	0	0	1	2	0
*TOTAL MALE	35323	622	95	140	661	2300	8652	22826	27

TABLE-8 (CONTINUED)

1984

COUNTY OF RESIDENCE	TOTAL	FEMALE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1201	14	2	3	8	33	189	952	0
BERGEN	3882	27	3	6	15	111	588	3130	2
BURLINGTON	1311	21	6	5	17	50	225	987	0
CAMDEN	2082	35	9	10	19	70	347	1591	1
CAPE MAY	538	8	0	1	4	8	67	449	1
CUMBERLAND	600	15	3	3	3	18	92	466	0
ESSEX	3956	77	12	18	26	179	705	2939	0
GLOUCESTER	791	9	1	6	8	23	131	613	0
HUDSON	2820	46	7	4	16	107	489	2149	2
HUNTERDON	290	3	0	1	2	13	36	235	0
MERCER	1360	17	4	2	16	48	230	1042	1
MIDDLESEX	2227	34	5	5	21	76	446	1640	0
MONMOUTH	2521	35	6	8	19	77	363	2013	0
MORRIS	1470	13	3	8	15	47	236	1148	0
OCEAN	2247	20	2	6	8	61	268	1882	0
PASSAIC	2026	28	2	5	24	73	300	1593	1
SALEM	298	8	1	0	4	12	46	227	0
SOMERSET	736	10	3	3	9	24	133	554	0
SUSSEX	376	8	2	2	1	11	54	298	0
UNION	2445	31	4	8	15	76	417	1894	0
WARREN	432	5	0	1	2	9	51	364	0
STATE INST	2	0	0	0	0	1	0	1	0
MILITARY	5	1	0	0	0	3	1	0	0
*TOTAL FEMALE	33616	465	75	105	252	1130	5414	26167	8

TABLE-8 (CONTINUED)

COUNTY OF RESIDENCE	TOTAL	UNKNOWN <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
CAMDEN	1	1	0	0	0	0	0	0	0
ESSEX	2	1	0	0	0	1	0	0	0
MERCER	1	1	0	0	0	0	0	0	0
MORRIS	1	0	0	0	0	0	1	0	0
*TOTAL UNKNOWN	5	3	0	0	0	1	1	0	0
TOTAL	68944	1090	170	245	913	3431	14067	48993	35

TABLE 9

RESIDENT DEATHS -- BY COUNTY, RACE AND SEX
1984

COUNTY OF RESIDENCE	TOTAL	WHITE <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1937	18	2	7	23	68	325	1494	0
BERGEN	7364	48	6	12	54	269	1406	5569	0
BURLINGTON	2435	35	9	9	39	107	543	1688	0
CAMDEN	3735	60	15	19	42	151	764	2683	1
CAPE MAY	1044	13	2	1	6	30	151	840	1
CUMBERLAND	1081	15	3	4	19	36	208	796	0
ESSEX	5352	61	11	19	46	183	940	4090	2
GLOUCESTER	1480	25	4	9	23	68	307	1044	0
HUDSON	5175	76	10	10	59	244	1076	3695	5
HUNTERDON	610	8	1	1	6	35	106	453	0
MERCER	2327	22	5	3	35	86	451	1724	1
MIDDLESEX	4447	56	11	11	52	193	1052	3072	0
MONMOUTH	4577	52	4	9	59	161	869	3422	1
MORRIS	2851	32	4	12	44	129	611	2019	0
OCEAN	4804	41	6	11	40	134	668	3903	1
PASSAIC	3761	45	6	9	49	150	659	2842	1
SALEM	504	9	2	1	11	18	95	368	0
SOMERSET	1456	16	4	5	22	58	329	1022	0
SUSSEX	797	15	3	4	15	36	146	578	0
UNION	4358	43	4	11	36	144	814	3306	0
WARREN	845	10	0	3	9	31	139	653	0
STATE INST	6	0	0	0	2	1	0	3	0
MILITARY	9	5	0	0	0	0	2	2	0
*TOTAL WHITE	60955	705	112	170	691	2332	11666	45266	13

TABLE-9 (CONTINUED)

1984

COUNTY OF RESIDENCE	TOTAL	BLACK							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	449	19	1	2	13	45	108	261	0
BERGEN	262	5	0	1	9	29	70	146	2
BURLINGTON	232	11	2	4	4	28	77	106	0
CAMDEN	558	31	4	6	18	55	168	276	0
CAPE MAY	52	2	0	1	1	0	13	35	0
CUMBERLAND	167	12	3	3	4	8	45	92	0
ESSEX	2730	119	20	16	72	407	850	1235	11
GLOUCESTER	179	4	0	1	3	10	47	114	0
HUDSON	602	27	2	5	17	137	184	230	0
HUNTERDON	3	0	0	0	1	0	0	2	0
MERCER	459	24	7	4	18	59	138	209	0
MIDDLESEX	222	16	1	4	8	27	81	85	0
MONMOUTH	436	21	5	7	10	40	115	238	0
MORRIS	61	6	2	0	0	4	18	31	0
OCEAN	70	4	2	4	1	13	25	21	0
PASSAIC	401	21	2	4	11	80	156	127	0
SALEM	93	7	0	1	3	10	13	59	0
SOMERSET	54	5	0	0	3	10	13	23	0
SUSSEX	5	0	0	0	0	0	0	5	0
UNION	628	26	4	7	14	81	202	294	0
WARREN	8	0	0	0	0	0	1	7	0
STATE INST	1	0	0	0	0	0	0	1	0
MILITARY	3	0	0	0	0	3	0	0	0
*TOTAL BLACK	7675	360	55	70	210	1046	2324	3597	13

TABLE-9 (CONTINUED)

1984

COUNTY OF RESIDENCE	TOTAL	OTHER <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	5	1	0	0	0	1	2	1	0
BERGEN	40	1	2	0	3	3	15	16	0
BURLINGTON	9	0	0	0	0	2	5	2	0
CAMDEN	16	1	0	0	1	3	5	6	0
CAPE MAY	5	1	0	0	0	0	1	3	0
CUMBERLAND	8	0	0	0	0	1	4	3	0
ESSEX	37	0	0	1	1	8	8	18	1
GLOUCESTER	2	0	0	0	0	0	1	1	0
HUDSON	46	4	0	1	1	11	8	21	0
HUNTERDON	2	0	0	0	0	0	1	1	0
MERCER	4	0	0	0	0	0	1	3	0
MIDDLESEX	19	1	0	0	1	4	6	7	0
MONMOUTH	19	1	0	1	2	3	5	7	0
MORRIS	21	2	0	1	1	4	5	8	0
OCEAN	6	0	0	0	0	1	1	4	0
PASSAIC	13	3	0	0	1	2	2	5	0
SALEM	3	0	0	0	0	3	0	0	0
SOMERSET	4	0	1	0	0	0	0	3	0
UNION	13	0	0	1	0	3	1	8	0
WARREN	1	1	0	0	0	0	0	0	0
*TOTAL OTHER	273	16	3	5	11	49	71	117	1

TABLE-9 (CONTINUED)

1984

COUNTY OF RESIDENCE	TOTAL	UNKNOWN							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1	0	0	0	0	0	0	0	1
BERGEN	3	1	0	0	0	0	0	1	1
BURLINGTON	1	0	0	0	0	0	0	1	0
CAMDEN	3	0	0	0	0	0	1	2	0
CAPE MAY	1	0	0	0	0	0	0	1	0
ESSEX	20	6	0	0	0	1	3	4	6
HUDSON	3	1	0	0	0	1	1	0	0
MERCER	1	0	0	0	1	0	0	0	0
MIDDLESEX	2	0	0	0	0	1	1	0	0
MORRIS	1	0	0	0	0	0	0	1	0
OCEAN	1	0	0	0	0	0	0	1	0
PASSAIC	1	1	0	0	0	0	0	0	0
UNION	3	0	0	0	0	1	0	2	0
*TOTAL UNKNOWN	41	9	0	0	1	4	6	13	8

TABLE 10

RESIDENT DEATHS -- MATERNAL, INFANT, PERINATAL, NEONATAL AND FETAL
TOTALS BY COUNTY
1984

COUNTY OF	NUMBER OF DEATHS				
RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	38	69	22	47
BERGEN	0	55	91	37	54
BURLINGTON	0	46	102	31	71
CAMDEN	2	92	165	68	97
CAPE MAY	0	16	26	12	14
CUMBERLAND	0	27	59	23	36
ESSEX	2	186	266	113	153
GLOUCESTER	0	29	64	21	43
HUDSON	0	108	171	74	97
HUNTERDON	0	8	15	6	9
MERCER	0	46	86	33	53
MIDDLESEX	2	73	123	56	67
MONMOUTH	0	74	107	53	54
MORRIS	0	40	67	30	37
OCEAN	1	45	64	31	33
PASSAIC	2	70	112	45	67
SALEM	0	16	25	11	14
SOMERSET	1	21	42	16	26
SUSSEX	0	15	20	12	8
UNION	1	69	102	39	63
WARREN	0	11	23	8	15
MILITARY	0	5	7	3	4
TOTAL	11	1090	1806	744	1062

TABLE-10 (CONTINUED)

WHITE
1984

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	18	37	8	29
BERGEN	0	48	76	31	45
BURLINGTON	0	35	64	21	43
CAMDEN	1	60	113	48	65
CAPE MAY	0	13	20	10	10
CUMBERLAND	0	15	38	13	25
ESSEX	0	61	84	40	44
GLOUCESTER	0	25	52	20	32
HUDSON	0	76	101	56	45
HUNTERDON	0	8	12	6	6
MERCER	0	22	47	16	31
MIDDLESEX	2	56	88	42	46
MONMOUTH	0	52	81	43	38
MORRIS	0	32	56	23	33
OCEAN	1	41	57	28	29
PASSAIC	1	45	79	33	46
SALEM	0	9	15	7	8
SOMERSET	1	16	31	12	19
SUSSEX	0	15	18	12	6
UNION	1	43	64	28	36
WARREN	0	10	23	8	15
STATE INST	0	0	0	0	0
MILITARY	0	5	6	3	3
*TOTAL WHITE	7	705	1162	508	654

TABLE-10 (CONTINUED)
NON-WHITE
1984

COUNTY OF	NUMBER OF DEATHS				
RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	20	31	14	17
BERGEN	0	6	12	6	6
BURLINGTON	0	11	37	10	27
CAMDEN	1	32	47	20	27
CAPE MAY	0	3	5	2	3
CUMBERLAND	0	12	21	10	11
ESSEX	2	119	169	67	102
GLOUCESTER	0	4	11	1	10
HUDSON	0	31	67	18	49
HUNTERDON	0	0	3	0	3
MERCER	0	24	39	17	22
MIDDLESEX	0	17	32	14	18
MONMOUTH	0	22	24	10	14
MORRIS	0	8	9	7	2
OCEAN	0	4	7	3	4
PASSAIC	1	24	32	11	21
SALEM	0	7	9	4	5
SOMERSET	0	5	10	4	6
SUSSEX	0	0	2	0	2
UNION	0	26	35	11	24
WARREN	0	1	0	0	0
STATE INST	0	0	0	0	0
MILITARY	0	0	1	0	1
*TOTAL NON-WHITE	4	376	603	229	374

TABLE-10 (CONTINUED)

UNKNOWN
1984

COUNTY OF	NUMBER OF DEATHS				
RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	0	1	0	1
BERGEN	0	1	3	0	3
BURLINGTON	0	0	1	0	1
CAMDEN	0	0	5	0	5
CAPE MAY	0	0	1	0	1
CUMBERLAND	0	0	0	0	0
ESSEX	0	6	13	6	7
GLOUCESTER	0	0	1	0	1
HUDSON	0	1	3	0	3
HUNTERDON	0	0	0	0	0
MERCER	0	0	0	0	0
MIDDLESEX	0	0	3	0	3
MONMOUTH	0	0	2	0	2
MORRIS	0	0	2	0	2
OCEAN	0	0	0	0	0
PASSAIC	0	1	1	1	0
SALEM	0	0	1	0	1
SOMERSET	0	0	1	0	1
SUSSEX	0	0	0	0	0
UNION	0	0	3	0	3
WARREN	0	0	0	0	0
STATE INST	0	0	0	0	0
MILITARY	0	0	0	0	0
*TOTAL UNKNOWN	0	9	41	7	34

TABLE 11

RESIDENT DEATHS -- BY PLACE OF RESIDENCE AND AGE
1984

ATLANTIC COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ABSECON CITY	83	1	0	0	1	2	4	6	9	17	23	20	0
ATLANTIC CITY	766	16	0	3	11	19	23	31	107	147	248	160	1
BRIGANTINE CITY	93	1	0	0	1	2	1	3	17	26	24	18	0
BUENA BORO	44	2	0	0	0	1	1	1	6	18	9	6	0
BUENA VISTA TWP	29	1	0	0	0	0	2	5	2	6	7	6	0
CORBIN CITY	1	0	0	0	0	0	0	0	0	0	1	0	0
EGG HARBOR CITY	58	1	0	0	2	1	0	4	13	12	17	8	0
EGG HARBOR TWP	114	1	0	1	2	2	5	8	18	21	34	22	0
ESTELL MANOR CITY	15	0	0	0	1	0	2	2	2	3	4	1	0
FOLSOM BORO	13	0	0	0	0	1	2	1	0	2	2	5	0
GALLOWAY TWP	68	2	0	2	4	2	2	3	10	14	21	8	0
HAMILTON TWP	111	1	2	1	3	3	0	4	17	21	44	15	0
HAMMONTON TOWN	118	0	1	1	3	1	7	10	15	32	28	20	0
LINWOOD CITY	55	1	0	0	1	0	2	2	11	15	13	10	0
LONGPORT BORO	37	0	0	0	0	0	1	0	2	8	13	13	0
MARGATE CITY	132	1	0	0	0	1	4	5	12	31	50	28	0
MULLICA TWP	37	1	0	0	1	0	2	[illegible]	8	5	11	8	0
NORTHFIELD CITY	74	0	0	0	0	0	3	1	10	17	24	19	0
PLEASANTVILLE CITY	209	3	0	0	2	4	6	13	27	48	55	51	0
PORT REPUBLIC CITY	6	0	0	0	0	0	0	1	0	0	5	0	0
SOMERS POINT CITY	118	2	0	0	3	2	0	3	15	31	33	29	0
VENTNOR CITY	190	4	0	1	1	4	1	4	21	53	54	47	0
WEYMOUTH TWP	21	0	0	0	0	0	1	2	3	5	6	4	0
*TOTAL ATLANTIC	2392	38	3	9	36	45	69	110	325	532	726	498	1

TABLE-11 (CONTINUED)

BERGEN COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLENDALE BORO	48	0	0	1	0	1	2	3	3	7	18	13	0
ALPINE BORO	10	0	0	0	0	0	1	1	0	2	2	4	0
BERGENFIELD BORO	246	1	2	0	4	4	6	16	38	53	51	71	0
BOGOTA BORO	63	0	0	0	1	0	3	6	6	10	18	19	0
CARLSTADT BORO	55	1	0	0	0	1	2	2	10	15	16	8	0
CLIFFSIDE PARK BORO	239	2	1	0	2	5	2	5	39	48	76	59	0
CLOSTER BORO	57	1	0	0	0	1	4	3	5	11	14	18	0
CRESSKILL BORO	78	0	0	0	1	0	1	5	17	15	18	21	0
DEMAREST BORO	32	0	0	0	0	1	0	2	6	5	9	9	0
DUMONT BORO	189	1	0	0	1	0	6	9	27	46	52	47	0
EAST RUTHERFORD BORO	70	0	0	0	0	4	1	2	15	24	14	10	0
EDGEWATER BORO	41	0	0	0	0	2	1	5	3	12	11	7	0
ELMWOOD PARK BORO	180	0	1	0	0	2	3	5	28	56	55	30	0
EMERSON BORO	82	0	0	0	0	0	1	6	7	20	26	22	0
ENGLEWOOD CITY	249	2	0	0	5	4	11	12	33	68	53	61	0
ENGLEWOOD CLIFFS BORO	45	0	0	0	2	0	2	3	6	13	11	8	0
FAIR LAWN BORO	342	3	1	0	3	4	8	18	54	87	88	76	0
FAIRVIEW BORO	118	0	0	0	2	0	3	7	17	36	27	26	0
FORT LEE BORO	322	3	0	0	2	2	3	12	42	90	95	72	1
FRANKLIN LAKES BORO	54	0	0	0	0	3	2	7	5	15	8	14	0
GARFIELD CITY	355	2	0	0	3	6	7	17	65	88	86	81	0
GLEN ROCK BORO	100	1	0	0	1	0	3	1	17	22	24	31	0
HACKENSACK CITY	396	6	2	1	3	15	16	15	53	83	111	90	1
HARRINGTON PARK BORO	32	0	0	0	0	0	0	0	4	11	9	8	0
HASBROUCK HEIGHTS BORO	127	1	0	0	0	1	3	5	14	36	39	28	0
HAWORTH BORO	31	1	0	0	0	0	0	4	3	5	11	7	0
HILLSDALE BORO	69	2	0	0	1	1	3	3	13	15	17	14	0
HOHOKUS BORO	42	2	0	0	0	2	1	1	4	5	15	12	0
LEONIA BORO	82	0	0	0	0	1	3	5	9	14	22	28	0
LITTLE FERRY BORO	80	4	0	0	1	3	3	4	13	17	22	13	0
LODI BORO	227	0	0	0	4	3	3	8	42	62	62	43	0
LYNDHURST TWP	208	1	0	0	2	2	2	10	32	51	66	42	0
MAHWAH TWP	82	0	0	0	0	0	3	7	11	22	26	13	0

TABLE-11 (CONTINUED)

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
MAYWOOD BORO	97	1	0	0	0	0	1	4	14	29	29	19	0
MIDLAND PARK BORO	61	0	0	0	0	0	1	4	6	13	21	16	0
MONTVALE BORO	40	0	0	0	0	0	3	4	5	5	12	11	0
MOONACHIE BORO	21	0	0	0	0	1	0	1	4	9	6	0	0
NEW MILFORD BORO	157	0	1	1	1	2	4	4	23	34	46	41	0
NORTH ARLINGTON BORO	192	1	0	0	2	4	6	8	30	55	52	34	0
NORTHVALE BORO	35	0	0	0	1	0	1	3	4	9	7	10	0
NORWOOD BORO	29	0	0	0	0	0	1	3	5	6	8	6	0
OAKLAND BORO	78	0	0	0	1	1	1	8	10	20	18	19	0
OLD TAPPAN BORO	24	1	0	0	0	1	0	2	5	3	7	5	0
ORADELL BORO	67	0	0	0	2	1	0	3	14	8	18	21	0
PALISADES INTERSTATE BORO	1	0	0	0	0	0	0	0	0	0	0	1	0
PALISADES PARK BORO	148	3	0	0	1	2	5	5	24	35	39	34	0
PARAMUS BORO	215	1	0	0	1	2	6	12	43	38	45	67	0
PARK RIDGE BORO	55	1	0	0	1	1	1	0	9	9	14	19	0
RAMSEY BORO	80	0	0	0	2	1	3	2	12	18	20	22	0
RIDGEFIELD BORO	92	0	0	0	0	0	1	3	12	29	25	22	0
RIDGEFIELD PARK TWP	143	1	0	0	0	2	1	8	16	30	46	39	0
RIDGEWOOD VIL	181	1	0	0	0	1	3	8	20	32	65	50	1
RIVER EDGE BORO	108	1	0	1	0	1	0	4	13	27	33	28	0
RIVER VALE TWP	58	0	0	0	2	1	4	6	5	13	13	14	0
ROCHELLE PARK TWP	71	1	0	0	0	3	1	1	8	23	22	12	0
RUTHERFORD BORO	192	1	0	0	0	5	2	8	20	47	59	50	0
SADDLE BROOK TWP	135	0	0	0	3	1	2	13	28	32	34	22	0
SADDLE RIVER BORO	14	0	0	0	0	0	1	0	2	4	4	3	0
SOUTH HACKENSACK TWP	8	0	0	1	0	0	0	0	3	2	1	1	0
TEANECK TWP	322	4	0	2	4	3	6	21	46	68	88	80	0
TENAFLY BORO	128	0	0	0	2	1	4	4	12	27	35	43	0
TETERBORO BORO	1	0	0	0	0	0	0	0	0	0	0	1	0
UPPER SADDLE RIVER BORO	41	0	0	0	0	1	1	7	7	7	12	6	0
WALDWICK BORO	61	0	0	1	1	0	2	2	14	16	14	11	0
WALLINGTON BORO	111	2	0	0	1	0	4	8	16	36	22	22	0
WASHINGTON TWP	57	0	0	0	1	4	4	3	11	10	15	9	0
WESTWOOD BORO	99	1	0	2	0	1	4	5	8	23	22	33	0
WOOD-RIDGE BORO	67	1	0	1	0	2	2	2	11	15	16	17	0
WOODCLIFF LAKE BORO	29	0	0	1	2	1	1	1	3	7	4	9	0
WYCKOFF TWP	100	0	0	1	0	3	2	2	9	17	35	31	0
*TOTAL BERGEN	7669	55	8	13	66	114	187	378	1113	1820	2079	1833	3

BURLINGTON COUNTY

TABLE-11 (CONTINUED)

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
		AGE GROUP											
BASS RIVER TWP	11	0	0	0	0	0	0	1	2	1	6	1	0
BEVERLY CITY	37	1	0	0	0	0	2	1	9	6	10	8	0
BORDENTOWN CITY	58	0	0	0	1	3	1	2	13	10	14	14	0
BORDENTOWN TWP	53	0	0	0	0	0	0	3	4	20	16	10	0
BURLINGTON CITY	154	2	0	1	5	4	1	3	28	37	40	33	0
BURLINGTON TWP	70	0	0	0	0	4	3	4	15	15	14	15	0
CHESTERFIELD TWP	17	0	0	0	1	1	0	1	1	6	3	4	0
CINNAMINSON TWP	101	1	1	0	2	0	4	12	18	20	20	23	0
DELANCO TWP	50	1	0	0	2	0	2	4	4	14	8	15	0
DELRAN TWP	83	0	0	0	0	1	4	6	16	22	22	12	0
EASTAMPTON TWP	15	0	0	0	0	0	0	1	1	4	4	5	0
EDGEWATER PARK TWP	54	1	0	1	0	1	5	5	13	10	9	9	0
EVESHAM TWP	114	3	1	0	0	4	7	9	16	27	24	23	0
FIELDSBORO BORO	5	0	0	0	2	0	0	0	0	1	2	0	0
FLORENCE TWP	95	1	0	0	0	3	2	5	9	25	31	19	0
HAINESPORT TWP	37	1	0	0	1	0	1	1	8	11	8	6	0
LUMBERTON TWP	31	0	0	0	0	0	0	1	6	7	12	5	0
MANSFIELD TWP	28	1	0	0	0	0	2	2	3	7	7	6	0
MAPLE SHADE TWP	208	3	0	0	3	2	5	7	40	65	52	31	0
MEDFORD LAKES BORO	26	1	1	0	1	0	0	2	5	4	7	5	0
MEDFORD TWP	141	2	0	0	3	0	3	14	10	28	37	44	0
MOORESTOWN TWP	153	1	0	0	2	1	4	9	15	34	50	37	0
MOUNT HOLLY TWP	139	4	1	0	1	7	4	12	24	29	34	23	0
MOUNT LAUREL TWP	111	3	0	0	0	1	4	6	18	22	32	25	0
NEW HANOVER TWP	3	0	0	0	0	0	0	0	1	1	0	1	0
NORTH HANOVER TWP	13	0	0	1	0	0	1	2	6	1	2	0	0
PALMYRA BORO	69	0	0	0	1	1	1	5	15	16	19	11	0
PEMBERTON BORO	34	0	1	1	1	0	0	3	11	6	9	2	0
PEMBERTON TWP	169	11	3	4	2	5	6	17	32	38	31	20	0
RIVERSIDE TWP	94	0	0	0	0	2	1	8	15	28	23	17	0
RIVERTON BORO	38	0	0	1	0	1	1	1	4	5	17	8	0
SHAMONG TWP	20	0	0	0	1	0	0	1	3	7	6	2	0
SOUTHAMPTON TWP	166	0	0	0	2	2	3	4	22	53	55	25	0
SPRINGFIELD TWP	12	0	0	0	0	0	0	3	2	3	3	1	0
TABERNACLE TWP	21	0	0	0	2	2	2	1	3	3	5	3	0
WASHINGTON TWP	2	0	0	0	0	0	0	0	0	1	0	1	0
WESTAMPTON TWP	18	1	0	0	2	0	1	1	4	3	5	1	0
WILLINGBORO TWP	196	8	2	2	8	6	13	20	49	41	28	19	0
WOODLAND TWP	7	0	0	0	0	0	1	0	1	2	3	0	0
WRIGHTSTOWN BORO	24	0	1	2	0	1	1	2	5	9	2	1	0
*TOTAL BURLINGTON	2677	46	11	13	43	52	85	179	451	642	670	485	0

CAMDEN COUNTY

TABLE-11 (CONTINUED)

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
AUDUBON BORO	102	0	0	0	3	1	1	5	9	27	30	26	0
AUDUBON PARK BORO	18	0	0	0	0	1	0	0	2	5	9	1	0
BARRINGTON BORO	42	0	0	0	0	0	0	0	9	8	13	12	0
BELLMAWR BORO	128	1	0	0	1	5	8	4	27	37	30	15	0
BERLIN BORO	78	1	0	0	0	2	3	7	12	17	27	9	0
BERLIN TWP	40	1	0	0	0	1	1	4	7	12	10	4	0
BROOKLAWN BORO	28	0	0	0	1	1	1	0	2	14	4	5	0
CAMDEN CITY	861	47	7	11	20	34	37	60	148	233	180	84	0
CHERRY HILL TWP	546	7	0	1	6	6	13	43	82	116	143	129	0
CHESILHURST BORO	11	0	0	0	1	0	0	0	3	3	2	2	0
CLEMENTON BORO	86	3	2	1	3	2	0	4	18	28	13	12	0
COLLINGSWOOD BORO	225	4	1	0	3	2	3	4	29	44	70	65	0
GIBBSBORO BORO	31	0	0	0	0	0	0	3	8	9	8	3	0
GLOUCESTER CITY	168	5	0	2	0	2	4	12	31	53	34	25	0
GLOUCESTER TWP	259	2	1	2	3	7	8	16	49	60	78	33	0
HADDON HEIGHTS BORO	94	0	0	1	0	1	1	3	10	23	31	24	0
HADDON TWP	158	2	1	0	1	0	2	5	21	48	46	32	0
HADDONFIELD BORO	128	1	0	0	1	0	2	6	12	33	32	41	0
HI-NELLA BORO	6	1	0	0	0	0	0	1	0	1	1	2	0
LAUREL SPRINGS BORO	29	0	0	1	0	0	2	2	3	9	6	6	0
LAWNSIDE BORO	37	0	0	0	1	1	1	1	11	9	8	5	0
LINDENWOLD BORO	91	1	0	0	3	8	1	6	21	27	14	10	0
MAGNOLIA BORO	49	0	0	0	1	3	0	4	7	17	13	4	0
MERCHANTVILLE BORO	53	0	0	0	0	3	2	1	2	12	20	13	0
MOUNT EPHRAIM BORO	70	0	0	0	0	0	4	3	10	22	19	12	0
OAKLYN BORO	54	0	0	0	0	0	0	2	6	22	13	11	0
PENNSAUKEN TWP	340	2	3	2	6	5	6	17	58	96	81	64	0
PINE HILL BORO	84	3	0	0	0	1	0	3	12	35	26	4	0
RUNNEMEDE BORO	76	0	0	0	0	4	2	3	12	31	14	10	0
SOMERDALE BORO	60	0	0	0	3	0	1	7	13	18	12	6	0
STRATFORD BORO	75	2	0	0	0	1	1	3	16	11	23	18	0
VOORHEES TWP	66	1	1	0	1	1	1	4	5	20	24	8	0
WATERFORD TWP	59	1	0	1	1	2	0	3	13	17	6	14	1
WINSLOW TWP	126	7	3	3	2	4	4	7	20	35	30	11	0
WOOD-LYNNE BORO	34	0	0	0	0	0	2	1	6	7	16	2	0
*TOTAL CAMDEN	4312	92	19	25	61	98	111	244	694	1159	1086	722	1

TABLE-11 (CONTINUED)

CAPE MAY COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
AVALON BORO	34	2	1	0	0	0	0	0	7	10	11	3	0
CAPE MAY CITY	71	0	0	0	0	0	2	2	4	19	25	19	0
CAPE MAY POINT BORO	3	0	0	0	0	0	0	0	0	0	1	2	0
DENNIS TWP	45	1	0	0	0	0	0	3	4	8	12	17	0
LOWER TWP	201	4	0	0	0	2	1	6	24	58	80	26	0
MIDDLE TWP	147	3	1	2	3	0	2	8	20	32	48	28	0
NORTH WILDWOOD CITY	86	1	0	0	1	0	2	4	7	21	31	18	1
OCEAN CITY	219	1	0	0	0	4	6	3	18	44	80	63	0
SEA ISLE CITY	25	0	0	0	0	0	0	0	5	10	7	3	0
STONE HARBOR BORO	27	0	0	0	0	0	0	0	0	8	12	7	0
UPPER TWP	67	1	0	0	1	0	3	5	12	17	22	6	0
WEST CAPE MAY BORO	10	0	0	0	0	0	0	1	0	4	4	1	0
WEST WILDWOOD BORO	5	0	0	0	0	0	0	1	1	1	1	1	0
WILDWOOD CITY	92	1	0	0	1	1	3	4	11	31	25	15	0
WILDWOOD CREST BORO	54	0	0	0	0	0	2	0	11	15	13	13	0
WOODBINE BORO	16	2	0	0	1	1	1	0	4	3	4	0	0
*TOTAL CAPE MAY	1102	16	2	2	7	8	22	37	128	281	376	222	1

CUMBERLAND COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BRIDGETON CITY	220	7	1	0	2	3	3	16	33	66	50	39	0
COMMERCIAL TWP	35	5	0	0	0	0	0	2	5	10	10	3	0
DEERFIELD TWP	18	0	1	0	0	1	0	2	1	2	4	7	0
DOWNE TWP	19	0	0	0	2	0	0	1	1	7	6	2	0
FAIRFIELD TWP	48	1	1	0	2	0	1	2	8	10	16	7	0
GREENWICH TWP	7	1	0	0	0	0	0	0	1	1	3	1	0
HOPEWELL TWP	31	0	0	1	0	1	1	1	4	10	7	6	0
LAWRENCE TWP	17	0	0	1	0	0	2	0	4	5	1	4	0
MAURICE RIVER TWP	39	1	0	0	1	1	0	3	4	9	12	8	0
MILLVILLE CITY	314	5	1	3	8	4	8	18	53	89	83	42	0
SHILOH BORO	4	0	0	0	0	0	0	0	1	1	1	1	0
STOW CREEK TWP	8	0	0	0	0	0	0	0	1	4	2	1	0
UPPER DEERFIELD TWP	38	0	0	1	0	2	1	4	6	5	12	7	0
VINELAND CITY	458	7	2	1	8	8	9	29	57	132	117	88	0
*TOTAL CUMBERLAND	1256	27	6	7	23	20	25	78	179	351	324	216	0

TABLE-11 (CONTINUED)

ESSEX COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BELLEVILLE TOWN	343	4	1	1	0	4	8	23	55	91	98	58	0
BLOOMFIELD TOWN	547	3	0	1	4	7	10	18	85	121	177	121	0
CALDWELL BORO	83	1	0	1	0	2	1	3	7	23	29	16	0
CEDAR GROVE TWP	107	1	0	0	1	1	2	6	14	23	32	27	0
EAST ORANGE CITY	769	27	3	2	12	23	35	71	128	157	165	146	0
ESSEX FELLS BORO	12	0	0	0	0	0	0	2	2	3	2	3	0
FAIRFIELD BORO	41	0	1	0	0	1	3	3	5	10	7	11	0
GLEN RIDGE BORO	69	1	0	0	1	1	3	5	9	10	24	15	0
IRVINGTON TOWN	659	18	8	3	13	25	22	44	83	120	186	137	0
LIVINGSTON TWP	216	2	0	1	2	1	1	12	36	55	60	46	0
MAPLEWOOD TWP	212	0	1	0	1	5	2	6	32	35	71	59	0
MILLBURN TWP	179	1	0	2	0	1	1	8	17	40	71	38	0
MONTCLAIR TOWN	445	7	2	0	5	13	13	17	42	82	143	121	0
NEWARK CITY	2927	102	12	23	67	171	189	305	469	634	609	326	20
NORTH CALDWELL BORO	28	0	0	0	0	2	1	2	6	2	9	6	0
NUTLEY TOWN	280	2	0	1	3	2	2	22	37	77	71	63	0
ORANGE CITY	340	6	3	0	3	12	19	39	47	74	86	51	0
ROSELAND BORO	46	0	0	0	0	0	1	1	10	10	11	13	0
SOUTH ORANGE VIL	164	3	0	0	0	0	2	5	23	38	44	49	0
VERONA BORO	150	2	0	0	2	1	1	3	15	38	58	30	0
WEST CALDWELL BORO	82	1	0	0	0	2	0	5	11	16	31	16	0
WEST ORANGE TOWN	440	5	0	1	5	3	6	15	53	106	109	137	0
*TOTAL ESSEX	8139	186	31	36	119	277	322	615	1186	1765	2093	1489	20

TABLE-12 (CONTINUED)

GLOUCESTER COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CLAYTON BORO	55	1	1	1	0	1	2	4	8	19	12	6	0
DEPTFORD TWP	118	0	0	0	1	2	3	8	19	35	31	19	0
EAST GREENWICH TWP	37	0	0	0	1	0	0	0	7	6	8	15	0
ELK TWP	20	0	0	0	0	0	0	2	2	7	4	5	0
FRANKLIN TWP	85	0	0	1	2	5	4	6	14	22	17	14	0
GLASSBORO BORO	109	7	0	1	1	0	1	3	22	26	21	27	0
GREENWICH TWP	48	0	0	0	0	0	1	0	8	16	12	11	0
HARRISON TWP	40	0	0	0	0	1	2	1	4	14	17	1	0
LOGAN TWP	10	0	0	0	0	0	0	2	4	2	2	0	0
MANTUA TWP	108	2	0	0	3	0	6	7	17	29	30	14	0
MONROE TWP	191	4	0	2	2	10	5	11	27	68	37	25	0
NATIONAL PARK BORO	27	0	0	0	0	2	0	1	9	5	5	5	0
NEWFIELD BORO	16	0	0	0	0	1	0	1	2	5	2	5	0
PAULSBORO BORO	100	0	1	0	0	2	2	5	16	25	26	23	0
PITMAN BORO	106	1	0	0	4	0	2	2	13	22	27	35	0
SOUTH HARRISON TWP	3	0	0	0	1	0	0	0	1	0	1	0	0
SWEDESBORO BORO	55	1	0	1	1	0	3	1	11	17	14	6	0
WASHINGTON TWP	98	4	1	3	5	3	2	6	15	25	23	11	0
WENONAH BORO	47	1	0	0	1	0	0	4	8	10	13	10	0
WEST DEPTFORD TWP	105	2	0	1	2	3	3	9	22	31	21	11	0
WESTVILLE BORO	75	2	1	0	1	2	0	6	9	15	23	16	0
WOODBURY CITY	163	4	0	0	1	3	5	7	20	45	47	31	0
WOODBURY HEIGHTS BORO	41	0	0	0	0	1	1	2	8	10	13	6	0
WOOLWICH TWP	4	0	0	0	0	0	0	0	1	0	0	3	0
*TOTAL GLOUCESTER	1661	29	4	10	26	36	42	88	267	454	406	299	0

TABLE-11 (CONTINUED)

HUDSON COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BAYONNE CITY	867	3	1	1	7	17	23	41	152	263	208	151	0
EAST NEWARK BORO	18	1	0	0	1	1	1	2	1	5	5	1	0
GUTTENBERG TOWN	64	1	0	0	1	2	0	1	6	18	15	19	1
HARRISON TOWN	130	0	0	1	2	3	2	13	20	43	28	18	0
HOBOKEN CITY	360	3	0	1	0	8	13	28	55	95	99	58	0
JERSEY CITY	2423	66	7	8	43	118	118	147	399	564	598	355	0
KEARNY TOWN	361	4	2	2	6	5	11	18	63	100	89	60	1
NORTH BERGEN TWP	547	3	0	1	6	8	18	36	67	126	184	97	1
SECAUCUS TOWN	150	2	0	1	2	0	2	5	28	41	40	29	0
UNION CITY	442	15	1	0	7	15	8	22	65	108	118	82	1
WEEHAWKEN TWP	123	1	1	0	2	1	5	10	11	28	39	25	0
WEST NEW YORK TOWN	341	9	0	1	0	6	8	23	56	69	105	63	1
*TOTAL HUDSON	5826	108	12	16	77	184	209	346	923	1460	1528	958	5

TABLE-11 (CONTINUED)

HUNTERDON COUNTY

RESIDENCE	TOTAL	AGE GROUP											
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALEXANDRIA TWP	5	0	0	0	0	0	0	0	0	0	4	1	0
BETHELEM TWP	13	0	0	0	0	1	1	2	1	1	4	3	0
BLOOMSBURY BORO	8	0	0	0	0	1	1	0	1	2	2	1	0
CALIFON BORO	15	0	0	0	0	0	2	0	2	1	5	5	0
CLINTON TOWN	15	0	0	0	0	0	0	1	0	5	1	8	0
CLINTON TWP	30	0	0	0	0	1	1	4	1	5	10	8	0
DELAWARE TWP	17	0	0	0	0	0	0	0	2	5	4	6	0
EAST AMWELL TWP	26	1	0	0	1	0	1	2	3	5	10	3	0
FLEMINGTON BORO	66	0	0	0	2	3	1	4	7	12	18	19	0
FRANKLIN TWP	23	1	0	0	0	0	1	1	1	10	3	6	0
FRENCHTOWN BORO	22	1	0	0	0	0	1	0	2	6	8	4	0
GLEN GARDNER BORO	18	1	0	0	0	1	0	2	3	5	1	5	0
HAMPTON BORO	16	0	0	0	0	1	0	1	1	8	2	3	0
HIGH BRIDGE BORO	34	0	0	0	1	1	2	0	7	9	9	5	0
HOLLAND TWP	14	1	0	0	0	0	0	0	2	5	3	3	0
KINGWOOD TWP	13	0	0	0	0	0	0	0	1	6	4	2	0
LAMBERTVILLE CITY	52	0	0	0	0	0	2	3	8	11	17	11	0
LEBANON BORO	14	0	0	0	0	0	0	2	1	6	4	1	0
LEBANON TWP	37	0	1	0	2	0	2	4	5	6	12	5	0
MILFORD BORO	15	0	0	0	0	2	1	1	1	3	2	5	0
RARITAN TWP	55	0	0	1	0	1	2	3	8	12	15	13	0
READINGTON TWP	49	3	0	0	0	1	2	4	7	17	9	6	0
STOCKTON BORO	11	0	0	0	0	0	0	0	1	5	5	0	0
TEWKSBURY TWP	17	0	0	0	0	1	1	1	2	3	7	2	0
UNION TWP	18	0	0	0	1	0	0	3	0	1	10	3	0
WEST AMWELL TWP	12	0	0	0	0	0	0	1	1	4	4	2	0
*TOTAL HUNTERDON	615	8	1	1	7	14	21	39	68	153	173	130	0

TABLE-11 (CONTINUED)

MERCER COUNTY

RESIDENCE	TOTAL	AGE GROUP											
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
EAST WINDSOR TWP	91	3	0	0	4	2	5	8	10	16	21	22	0
EWING TWP	316	0	0	0	2	5	5	23	33	87	88	72	1
HAMILTON TWP	712	7	1	1	9	8	13	43	129	212	172	117	0
HIGHTSTOWN BORO	76	1	0	0	1	2	1	1	11	10	19	30	0
HOPEWELL BORO	23	0	0	0	1	0	2	0	4	4	4	8	0
HOPEWELL TWP	61	1	0	0	0	1	0	4	11	12	16	16	0
LAWRENCE TWP	161	1	2	0	3	2	3	8	29	33	50	30	0
PENNINGTON BORO	19	0	0	0	0	1	1	2	2	7	3	3	0
PRINCETON BORO	121	0	0	0	3	4	3	6	10	18	37	40	0
PRINCETON TWP	43	0	0	0	3	0	0	3	3	12	13	9	0
TRENTON CITY	1096	33	7	5	24	33	49	64	165	282	251	183	0
WASHINGTON TWP	39	0	1	0	2	0	1	6	6	11	8	4	0
WEST WINDSOR TWP	33	0	1	1	2	1	3	2	7	6	5	5	0
*TOTAL MERCER	2791	46	12	7	54	59	86	170	420	710	687	539	1

TABLE-11 (CONTINUED)

MIDDLESEX COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CARTERET BORO	220	8	1	0	1	4	6	12	49	60	49	30	0
CRANBURY TWP	74	1	0	0	0	2	1	4	6	24	24	12	0
DUNELLEN BORO	69	2	0	0	0	0	1	0	15	19	16	16	0
EAST BRUNSWICK TWP	179	3	1	2	3	4	7	20	33	37	46	23	0
EDISON TWP	556	8	0	0	6	9	12	45	99	150	115	112	0
HELMETTA BORO	8	0	0	0	1	0	0	0	1	1	5	0	0
HIGHLAND PARK BORO	105	2	0	0	2	1	2	7	13	28	30	20	0
JAMESBURG BORO	82	0	1	1	0	1	0	4	14	18	29	14	0
METUCHEN BORO	153	1	2	1	2	2	3	3	21	30	47	41	0
MIDDLESEX BORO	111	3	0	0	2	2	1	9	11	26	33	24	0
MILLTOWN BORO	62	1	0	0	1	0	1	4	10	16	17	12	0
MONROE TWP	116	0	0	0	1	1	0	3	7	28	47	29	0
NEW BRUNSWICK CITY	299	8	0	3	4	12	7	22	48	66	59	70	0
NORTH BRUNSWICK TWP	159	4	0	0	3	1	6	13	21	33	46	32	0
OLD BRIDGE TWP	305	3	1	2	5	10	9	38	45	67	74	51	0
PERTH AMBOY CITY	407	7	1	0	4	7	13	21	57	109	114	74	0
PISCATAWAY TWP	189	4	2	2	3	7	7	21	26	45	44	28	0
PLAINSBORO TWP	18	0	0	0	1	0	4	1	4	1	3	4	0
SAYREVILLE BORO	271	2	1	0	4	7	3	16	64	72	62	40	0
SOUTH AMBOY CITY	117	2	0	0	0	1	2	10	19	31	31	21	0
SOUTH BRUNSWICK TWP	100	0	0	0	1	3	8	8	21	23	17	19	0
SOUTH PLAINFIELD BORO	118	2	0	1	2	1	3	6	26	33	24	20	0
SOUTH RIVER BORO	163	3	0	0	2	2	5	12	21	50	35	33	0
SPOTSWOOD BORO	72	1	1	0	1	0	1	6	14	24	17	7	0
WOODBRIDGE TWP	737	8	1	3	12	24	22	57	153	207	165	85	0
*TOTAL MIDDLESEX	4690	73	12	15	61	101	124	342	798	1198	1149	817	0

TABLE-11 (CONTINUED)

MONMOUTH COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
ABERDEEN TWP	125	3	0	1	3	5	10	13	21	25	24	20	0
ALLENHURST BORO	12	0	0	0	0	1	0	0	2	4	1	4	0
ALLENTOWN BORO	14	1	0	0	0	0	0	2	1	4	3	3	0
ASBURY PARK CITY	322	11	3	2	3	6	8	21	36	77	84	71	0
ATLANTIC HIGHLANDS BORO	48	0	0	1	0	0	1	1	5	16	12	12	0
AVON-BY-THE-SEA BORO	34	1	0	0	0	0	0	2	4	8	11	8	0
BELMAR BORO	113	1	0	0	2	0	1	4	14	25	39	27	0
BRADLEY BEACH BORO	53	0	0	0	1	2	1	2	3	9	22	13	0
BRIELLE BORO	34	0	0	0	0	0	0	2	2	5	19	6	0
COLTS NECK TOWNSHIP	33	0	0	0	0	3	0	7	1	12	6	4	0
DEAL BORO	18	1	0	0	1	1	0	0	2	3	2	8	0
EATONTOWN BORO	106	3	0	0	3	0	4	6	18	22	27	23	0
ENGLISHTOWN BORO	73	0	0	1	0	0	2	5	11	25	21	8	0
FAIR HAVEN BORO	50	0	0	0	0	0	1	5	6	17	10	11	0
FARMINGDALE BORO	21	0	0	1	0	0	0	0	4	5	7	4	0
FREEHOLD BORO	145	3	0	1	1	2	5	8	15	40	38	32	0
FREEHOLD TWP	116	0	0	0	3	3	6	2	24	19	30	29	0
HAZLET TWP	177	4	0	1	6	3	5	17	18	42	57	24	0
HIGHLANDS BORO	64	2	0	1	0	2	2	3	12	15	17	10	0
HOLMDEL TWP	51	0	0	0	1	0	1	5	7	8	16	13	0
HOWELL TWP	181	6	0	0	5	2	8	10	28	47	43	32	0
INTERLAKEN BORO	14	0	0	0	0	1	0	0	3	1	6	3	0
KEANSBURG BORO	121	1	0	0	1	2	3	6	18	36	33	20	1
KEYPORT BORO	118	1	0	1	0	2	1	4	12	34	36	27	0
LITTLE SILVER BORO	50	0	0	0	1	0	0	5	5	11	17	11	0
LOCH ARBOUR VILLAGE	2	0	0	0	0	0	0	0	2	0	0	0	0
LONG BRANCH CITY	327	5	1	3	5	6	13	15	56	77	85	61	0
MANALAPAN TWP	106	0	0	0	3	1	4	7	9	35	31	16	0
MANASQUAN BORO	99	1	0	0	0	0	2	5	10	23	37	21	0
MARLBORO TWP	99	1	0	0	0	0	6	14	14	23	26	15	0
MATAWAN BORO	101	2	0	0	0	3	6	10	15	20	30	15	0
MIDDLETOWN TWP	515	10	2	0	11	4	16	27	81	130	132	102	0
MILLSTONE TWP	34	2	0	2	1	0	5	1	6	5	6	6	0

TABLE-11 (CONTINUED)

MONMOUTH COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
MONMOUTH BEACH BORO	21	1	0	0	0	0	0	1	7	5	3	4	0
NEPTUNE CITY BORO	93	2	0	0	2	2	2	6	12	18	25	24	0
NEPTUNE TWP	356	2	1	1	7	7	7	18	52	80	87	94	0
OCEAN TWP	177	3	1	0	1	2	5	8	29	51	47	30	0
OCEANPORT BORO	40	0	0	0	0	0	0	0	3	16	14	7	0
RED BANK BORO	219	3	1	0	2	0	2	4	22	50	52	83	0
ROOSEVELT BORO	8	0	0	0	0	0	1	0	1	1	3	2	0
RUMSON BORO	56	1	0	0	1	0	1	6	11	12	13	11	0
SEA BRIGHT BORO	22	0	0	0	0	1	2	1	6	3	6	3	0
SEA GIRT BORO	48	1	0	0	0	0	0	1	6	8	17	15	0
SHREWSBURY BORO	35	0	0	0	1	0	2	2	6	7	10	7	0
SHREWSBURY TWP	10	0	0	1	0	0	0	0	1	3	1	4	0
SOUTH BELMAR BORO	20	0	0	0	0	0	0	1	1	5	10	3	0
SPRING LAKE BORO	62	0	0	0	0	1	1	0	5	12	23	20	0
SPRING LAKE HEIGHTS BORO	91	0	0	0	1	0	1	5	13	24	33	14	0
TINTON FALLS BORO	47	0	0	0	0	0	0	4	5	19	8	11	0
UNION BEACH BORO	82	0	0	0	1	1	1	9	13	26	15	16	0
UPPER FREEHOLD TWP	28	0	0	0	0	0	0	3	5	11	5	4	0
WALL TWP	177	1	0	0	3	2	2	11	26	40	59	33	0
WEST LONG BRANCH BORO	64	1	0	0	1	1	0	2	9	11	26	13	0
*TOTAL MONMOUTH	5032	74	9	17	71	66	138	291	698	1225	1385	1057	1

MORRIS COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BOONTON TOWN	108	1	0	0	0	5	3	6	14	23	27	29	0
BOONTON TWP	48	1	0	0	1	0	2	2	4	10	15	13	0
BUTLER BORO	57	1	0	1	1	2	0	4	8	12	17	11	0
CHATHAM BORO	97	2	0	0	4	0	1	4	9	20	28	29	0
CHATHAM TWP	66	0	0	0	2	0	1	3	7	14	25	14	0
CHESTER BORO	19	1	0	0	0	1	0	0	1	3	6	7	0
CHESTER TWP	23	2	0	0	0	1	1	2	0	7	5	5	0
DENVILLE TWP	114	2	1	0	1	2	6	6	14	23	27	32	0
DOVER TOWN	155	3	0	0	4	4	5	5	27	38	43	26	0

TABLE-11 (CONTINUED)

MORRIS COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
EAST HANOVER TWP	60	1	0	1	0	0	2	4	16	11	13	12	0
FLORHAM PARK BORO	73	0	0	0	2	0	0	4	11	18	13	25	0
HANOVER TWP	83	0	0	1	0	0	3	2	19	25	16	17	0
HARDING TWP	26	0	0	0	0	0	1	1	7	4	7	6	0
JEFFERSON TWP	95	2	1	1	0	1	6	9	14	27	26	8	0
KINNELON BORO	36	1	0	0	0	1	3	4	7	6	9	5	0
LINCOLN PARK BORO	80	0	0	0	0	1	2	5	8	12	27	25	0
MADISON BORO	129	2	0	0	3	2	5	6	17	16	37	41	0
MENDHAM BORO	42	1	0	0	0	1	2	6	5	6	7	14	0
MENDHAM TWP	25	0	0	1	0	0	0	1	5	7	6	5	0
MINE HILL TWP	32	0	0	0	0	2	1	1	5	14	4	5	0
MONTVILLE TWP	82	0	0	1	3	2	5	6	10	10	20	25	0
MORRIS PLAINS BORO	77	1	0	1	0	1	4	2	15	17	20	16	0
MORRIS TWP	107	1	0	0	1	1	5	5	16	13	33	32	0
MORRISTOWN TOWN	221	3	1	0	1	2	2	7	25	50	68	62	0
MOUNT ARLINGTON BORO	20	0	0	0	0	0	3	1	4	4	4	4	0
MOUNT OLIVE TWP	95	3	0	0	1	3	2	11	17	21	19	18	0
MOUNTAIN LAKES BORO	22	0	0	0	0	0	1	1	8	4	3	5	0
NETCONG BORO	27	1	0	0	0	1	2	2	4	7	6	4	0
PARSIPPANY-TROY HILLS TWP	248	5	2	2	6	6	5	22	40	57	66	37	0
PASSAIC TWP	53	0	0	0	0	0	1	0	11	14	11	16	0
PEQUANNOCK TWP	100	2	0	0	2	0	2	6	16	24	27	21	0
RANDOLPH TWP	109	0	0	0	4	1	4	10	19	27	20	24	0
RIVERDALE BORO	17	0	0	0	0	1	0	0	1	5	3	7	0
ROCKAWAY BORO	86	1	0	3	1	1	2	7	23	16	19	13	0
ROCKAWAY TWP	64	0	0	0	2	1	0	8	12	21	9	11	0
ROXBURY TWP	128	1	0	1	4	4	3	9	21	26	42	17	0
VICTORY GARDENS BORO	6	1	0	0	0	0	0	1	3	1	0	0	0
WASHINGTON TWP	56	1	1	0	2	0	4	3	4	11	12	18	0
WHARTON BORO	48	0	0	0	0	0	1	3	8	10	14	12	0
*TOTAL MORRIS	2934	40	6	13	45	47	90	179	455	634	754	671	0

OCEAN COUNTY

TABLE-11 (CONTINUED)

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BARNEGAT LIGHT BORO	18	0	0	0	0	0	2	1	4	4	3	4	0
BARNEGAT TWP	85	2	0	0	1	3	3	6	8	30	22	10	0
BAY HEAD BORO	17	0	0	0	0	3	0	0	1	6	3	4	0
BEACH HAVEN BORO	40	0	0	0	0	0	0	2	6	9	10	13	0
BEACHWOOD BORO	70	1	1	0	0	2	2	4	12	14	23	11	0
BERKELEY TWP	398	1	2	0	5	2	7	7	30	149	145	50	0
BRICK TWP	574	7	3	0	8	6	20	26	77	179	162	86	0
DOVER TWP	932	8	0	4	7	18	16	37	106	292	297	146	1
EAGLESWOOD TWP	13	0	0	0	0	0	0	0	3	6	4	0	0
HARVEY CEDARS BORO	3	0	0	0	0	0	0	0	0	2	1	0	0
ISLAND HEIGHTS BORO	20	0	0	0	0	1	0	2	2	4	6	5	0
JACKSON TWP	219	2	0	4	1	5	5	18	27	65	57	35	0
LACEY TWP	181	6	0	0	3	2	2	3	20	54	50	41	0
LAKEHURST BORO	113	0	0	0	2	0	0	2	16	46	31	16	0
LAKEWOOD TWP	647	6	2	5	2	8	8	18	46	130	260	162	0
LAVALLETTE BORO	44	0	0	0	0	0	1	0	1	15	15	12	0
LITTLE EGG HARBOR TWP	86	2	0	0	1	1	0	5	12	30	22	13	0
LONG BEACH TWP	52	0	0	0	2	0	2	1	1	17	22	7	0
MANCHESTER TWP	606	2	0	0	3	1	2	2	43	175	273	105	0
MANTOLOKING BORO	12	0	0	0	0	0	0	0	3	2	6	1	0
OCEAN GATE BORO	20	0	0	0	0	2	0	2	1	3	7	5	0
OCEAN TWP	56	0	0	0	0	0	1	6	9	18	14	8	0
PINE BEACH BORO	18	0	0	0	0	0	0	0	0	2	7	9	0
PLUMSTED TWP	30	0	0	1	0	0	0	2	6	5	8	8	0
POINT PLEASANT BEACH BORO	64	2	0	0	0	2	2	3	11	16	20	8	0
POINT PLEASANT BORO	236	3	0	0	3	1	4	7	19	45	99	55	0
SEASIDE HEIGHTS BORO	21	0	0	0	0	0	0	1	3	4	11	2	0
SEASIDE PARK BORO	32	0	0	0	0	2	0	0	4	11	9	6	0
SHIP BOTTOM BORO	21	0	0	0	0	0	0	2	3	6	7	3	0
SOUTH TOMS RIVER BORO	32	2	0	0	0	3	3	4	5	2	7	6	0
STAFFORD TWP	131	1	0	1	0	0	2	10	20	47	31	19	0
SURF CITY BORO	24	0	0	0	1	0	0	0	4	7	7	5	0
TUCKERTON BORO	66	0	0	0	2	3	1	6	14	15	17	8	0
*TOTAL OCEAN	4881	45	8	15	41	65	83	177	517	1410	1656	863	1

TABLE-11 (CONTINUED)

PASSAIC COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BLOOMINGDALE BORO	58	0	0	0	2	3	3	1	8	15	14	12	0
CLIFTON CITY	858	3	1	3	8	9	14	34	127	214	240	205	0
HALEDON BORO	95	0	0	0	0	0	1	5	6	24	31	28	0
HAWTHORNE BORO	190	0	0	0	1	1	4	9	20	43	66	46	0
LITTLE FALLS TWP	111	1	0	0	0	1	3	4	14	28	35	25	0
NORTH HALEDON BORO	84	1	0	0	0	1	1	2	11	16	22	30	0
PASSAIC CITY	553	20	0	1	8	11	23	30	69	136	148	106	1
PATERSON CITY	1230	37	3	6	23	42	74	100	177	250	289	229	0
POMPTON LAKES BORO	93	0	0	0	2	1	0	5	18	19	24	24	0
PROSPECT PARK BORO	50	1	0	0	1	1	3	1	4	14	18	7	0
RINGWOOD BORO	75	0	0	1	0	2	2	12	17	10	24	7	0
TOTOWA BORO	130	1	1	1	2	0	0	6	13	32	36	38	0
WANAQUE BORO	86	2	0	0	2	2	3	6	10	24	24	13	0
WAYNE TWP	338	4	2	1	7	7	7	13	40	68	102	87	0
WEST MILFORD TWP	140	0	1	0	4	5	6	16	21	22	40	25	0
WEST PATERSON BORO	85	0	0	0	1	1	1	5	13	19	29	16	0
*TOTAL PASSAIC	4176	70	8	13	61	87	145	249	568	934	1142	898	1

SALEM COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
ALLOWAY TWP	21	0	0	0	0	4	1	1	1	4	7	3	0
CARNEYS POINT TWP	75	0	0	0	0	0	1	2	10	23	22	17	0
ELMER BORO	33	1	0	1	0	0	2	1	2	6	8	12	0
ELSINBORO TWP	7	1	0	0	0	0	0	0	1	3	2	0	0
LOWER ALLOWAY CREEK TWP	9	0	0	0	0	0	0	0	2	4	2	1	0
MANNINGTON TWP	13	0	0	0	0	0	0	1	1	2	4	5	0
OLDMANS TWP	12	0	0	0	0	0	0	2	2	1	3	4	0
PENNS GROVE BORO	69	4	1	0	0	2	0	5	8	15	23	11	0
PENNSVILLE TWP	118	1	0	0	4	1	5	5	23	37	27	15	0
PILESGROVE TWP	22	1	0	0	2	0	0	3	6	2	4	4	0
PITTSGROVE TWP	28	0	1	0	3	0	2	1	2	6	10	3	0
QUINTON TWP	22	0	0	0	2	0	2	1	5	3	5	4	0
SALEM CITY	110	4	0	1	2	2	7	2	11	32	28	21	0
UPPER PITTSGROVE TWP	16	0	0	0	0	0	0	2	4	2	4	4	0
WOODSTOWN BORO	45	4	0	0	1	1	1	2	2	8	15	11	0
*TOTAL SALEM	600	16	2	2	14	10	21	28	80	148	164	115	0

TABLE-11 (CONTINUED)

SOMERSET COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BEDMINSTER TWP	20	1	0	0	0	0	0	1	2	5	6	5	0
BERNARDS TWP	89	0	1	0	0	1	3	3	20	15	22	24	0
BERNARDSVILLE BORO	45	0	0	0	0	0	0	1	8	10	11	15	0
BOUND BROOK BORO	111	1	0	0	3	3	3	7	18	36	20	20	0
BRANCHBURG TWP	46	0	0	1	1	2	3	3	7	13	11	5	0
BRIDGEWATER TWP	170	0	2	0	2	3	7	20	27	32	34	43	0
FAR HILLS BORO	9	1	0	0	0	0	0	1	0	3	1	3	0
FRANKLIN TWP	206	7	1	0	3	8	7	16	26	49	52	37	0
GREEN BROOK TWP	44	0	0	0	0	0	3	1	6	18	8	8	0
HILLSBOROUGH TWP	89	4	1	1	3	1	5	5	18	18	20	13	0
MANVILLE BORO	105	1	0	0	0	3	1	7	27	38	17	11	0
MILLSTONE BORO	8	0	0	0	1	0	0	1	1	2	1	2	0
MONTGOMERY TWP	54	0	0	0	2	0	2	6	7	14	13	10	0
NORTH PLAINFIELD BORO	186	3	0	3	4	2	4	2	23	50	46	49	0
PEAPACK-GLADSTONE BORO	14	0	0	0	0	0	0	0	5	1	5	3	0
RARITAN BORO	43	0	0	0	1	0	0	2	6	11	16	7	0
ROCKY HILL BORO	6	0	0	0	0	0	0	0	0	3	1	2	0
SOMERVILLE BORO	125	3	0	0	2	2	2	7	18	28	35	28	0
SOUTH BOUND BROOK BORO	36	0	0	0	0	0	1	3	7	14	5	6	0
WARREN TWP	74	0	0	0	2	1	1	8	15	18	15	14	0
WATCHUNG BORO	34	0	0	0	1	0	0	2	5	4	14	8	0
*TOTAL SOMERSET	1514	21	5	5	25	26	42	96	246	382	353	313	0

TABLE-11 (CONTINUED)

SUSSEX COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ANDOVER BORO	25	0	0	0	1	1	1	0	3	5	11	3	0
ANDOVER TWP	58	1	0	1	0	0	0	0	8	10	19	19	0
BRANCHVILLE BORO	19	0	0	0	0	0	0	0	0	6	5	8	0
BYRAM TWP	27	0	0	0	0	0	1	3	5	10	5	3	0
FRANKFORD TWP	33	0	0	0	0	4	1	1	5	6	6	10	0
FRANKLIN BORO	37	0	0	0	2	1	1	0	4	11	7	11	0
FREDON TWP	11	0	0	0	0	0	1	1	1	1	5	2	0
GREEN TWP	12	0	0	0	1	0	0	1	2	3	5	0	0
HAMBURG BORO	23	0	0	0	1	0	1	1	5	3	8	4	0
HAMPTON TWP	16	0	0	0	0	0	2	1	2	3	6	2	0
HARDYSTON TWP	30	1	0	0	0	1	0	0	6	9	8	5	0
HOPATCONG BORO	81	1	2	0	2	2	1	6	9	16	20	22	0
LAFAYETTE TWP	9	0	0	0	0	0	0	1	1	4	2	1	0
MONTAGUE TWP	28	1	0	1	0	0	0	1	5	9	6	5	0
NEWTON TOWN	114	1	0	0	0	0	2	5	13	27	36	30	0
OGDENSBURG BORO	11	0	0	1	1	1	0	1	4	0	2	1	0
SANDYSTON TWP	8	0	0	0	0	0	0	1	0	2	3	2	0
SPARTA TWP	84	4	0	0	2	2	1	6	12	19	20	18	0
STANHOPE BORO	20	0	0	0	1	2	1	1	4	4	6	1	0
STILLWATER TWP	26	1	0	0	0	0	1	0	4	4	11	5	0
SUSSEX BORO	25	1	0	1	1	0	1	0	2	4	9	6	0
VERNON TWP	72	4	1	0	1	2	4	8	9	17	16	10	0
WALPACK TWP	2	0	0	0	0	0	0	0	0	2	0	0	0
WANTAGE TWP	31	0	0	0	2	0	1	1	3	8	14	2	0
*TOTAL SUSSEX	802	15	3	4	15	16	20	39	107	183	230	170	0

TABLE-11 (CONTINUED)

UNION COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BERKELEY HEIGHTS TWP	82	1	0	0	1	2	3	7	12	15	21	20	0
CLARK TWP	147	1	0	0	0	1	1	5	29	36	46	28	0
CRANFORD TWP	221	4	0	0	5	2	6	12	33	45	58	56	0
ELIZABETH CITY	1128	26	3	8	20	36	42	62	168	237	312	214	0
FANWOOD BORO	49	1	0	1	0	1	4	3	9	12	7	11	0
GARWOOD BORO	50	0	0	1	0	0	0	1	8	15	14	11	0
HILLSIDE TWP	189	2	1	2	4	4	7	14	29	43	52	31	0
KENILWORTH BORO	85	0	0	0	0	1	6	2	15	25	22	14	0
LINDEN CITY	403	2	1	0	3	3	8	27	70	115	98	76	0
MOUNTAINSIDE BORO	66	0	0	0	0	0	1	2	9	14	17	23	0
NEW PROVIDENCE BORO	97	1	0	0	2	4	1	4	16	24	27	18	0
PLAINFIELD CITY	371	12	1	2	2	8	20	25	66	79	89	67	0
RAHWAY CITY	291	4	0	0	4	6	6	17	49	91	78	36	0
ROSELLE BORO	221	3	1	0	0	4	8	16	36	52	65	36	0
ROSELLE PARK BORO	114	1	0	0	2	3	0	9	12	36	27	24	0
SCOTCH PLAINS TWP	164	4	0	0	1	4	3	7	31	41	41	32	0
SPRINGFIELD TWP	185	0	0	2	1	0	1	2	22	50	63	44	0
SUMMIT CITY	219	3	1	1	2	5	2	9	25	41	74	56	0
UNION TWP	656	3	0	1	1	10	6	25	86	182	218	124	0
WESTFIELD TOWN	244	1	0	1	2	5	5	6	33	46	74	71	0
WINFIELD TWP	20	0	0	0	0	0	0	1	3	10	3	3	0
*TOTAL UNION	5002	69	8	19	50	99	130	256	761	1209	1406	995	0

WARREN COUNTY

TABLE-11 (CONTINUED)

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLAMUCHY TWP	16	0	0	0	0	1	0	0	3	5	4	3	0
ALPHA BORO	25	0	0	0	0	0	1	0	6	11	5	2	0
BELVIDERE TOWN	37	1	0	0	0	0	0	1	6	10	10	9	0
BLAIRSTOWN TWP	51	2	0	1	0	0	1	2	8	10	16	11	0
FRANKLIN TWP	18	0	0	0	0	1	1	0	3	4	5	4	0
FRELINGHUYSEN TWP	9	0	0	0	0	0	0	0	3	2	3	1	0
GREENWICH TWP	17	0	0	0	0	0	1	1	1	5	5	4	0
HACKETTSTOWN TOWN	118	1	0	0	2	0	4	2	20	31	31	27	0
HARDWICK TWP	8	0	0	0	0	0	0	0	0	0	4	4	0
HARMONY TWP	24	0	0	0	1	0	0	2	4	5	11	1	0
HOPE TWP	16	0	0	0	0	0	0	0	1	3	7	5	0
INDEPENDENCE TWP	32	0	0	0	1	0	0	1	3	7	9	11	0
KNOWLTON TWP	16	0	0	0	0	0	0	0	1	3	6	6	0
LIBERTY TWP	4	0	0	0	0	0	0	0	1	0	1	2	0
LOPATCONG TWP	37	0	0	1	0	0	0	0	5	8	17	6	0
MANSFIELD TWP	26	1	0	0	1	2	0	1	5	4	8	4	0
OXFORD TWP	20	0	0	1	1	0	0	1	3	5	6	3	0
PHILLIPSBURG TOWN	233	3	0	0	3	3	8	9	29	70	53	55	0
POHATCONG TWP	14	0	0	0	0	0	0	1	3	3	5	2	0
WASHINGTON BORO	82	1	0	0	0	0	5	2	3	26	29	16	0
WASHINGTON TWP	44	2	0	0	0	0	1	2	5	8	16	10	0
WHITE TWP	7	0	0	0	0	1	1	1	1	1	1	1	0
*TOTAL WARREN	854	11	0	3	9	8	23	26	114	221	252	187	0

TABLE-11 (CONTINUED)

STATE INST COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
ANCORA STATE HOSPITAL ANC	2	0	0	0	1	0	0	0	0	0	0	1	0
HUNTERDON STATE SCHOOL	1	0	0	0	1	0	0	0	0	0	0	0	0
N J ST COLONY MALES NEW L	1	0	0	0	0	0	0	0	0	0	1	0	0
N J ST COLONY MALES WOODB	1	0	0	0	0	0	0	0	0	1	0	0	0
N J ST HOME DIS SOL MENLO	1	0	0	0	0	0	0	0	0	0	0	1	0
N J ST SCHOOL VINELAND	1	0	0	0	0	1	0	0	0	0	0	0	0
*TOTAL STATE INST	7	0	0	0	2	1	0	0	0	1	1	2	0

MILITARY COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
FORT DIX	5	2	0	0	0	0	2	0	1	0	0	0	0
FORT MONMOUTH	1	1	0	0	0	0	0	0	0	0	0	0	0
MCGUIRE AIR BASE FORT DIX	3	2	0	0	0	0	1	0	0	0	0	0	0
N J ST VETS ADM HOSP LYON	3	0	0	0	0	0	0	0	1	1	0	1	0
*TOTAL MILITARY	12	5	0	0	0	0	3	0	2	1	0	1	0

TABLE 12

RESIDENT DEATHS -- BY PLACE OF RESIDENCE, SEX AND RACE
1984

ATLANTIC COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABSECON CITY	83	45	38	0	80	3	0	0
ATLANTIC CITY	766	348	418	0	461	303	1	1
BRIGANTINE CITY	93	47	46	0	92	1	0	0
BUENA BORO	44	23	21	0	43	1	0	0
BUENA VISTA TWP	29	22	7	0	19	10	0	0
CORBIN CITY	1	1	0	0	1	0	0	0
EGG HARBOR CITY	58	29	29	0	53	5	0	0
EGG HARBOR TWP	114	62	52	0	105	8	1	0
ESTELL MANOR CITY	15	9	6	0	15	0	0	0
FOLSOM BORO	13	7	6	0	13	0	0	0
GALLOWAY TWP	68	43	25	0	64	4	0	0
HAMILTON TWP	111	58	53	0	91	20	0	0
HAMMONTON TOWN	118	62	56	0	116	2	0	0
LINWOOD CITY	55	23	32	0	54	1	0	0
LONGPORT BORO	37	9	28	0	37	0	0	0
MARGATE CITY	132	75	57	0	131	0	1	0
MULLICA TWP	37	21	16	0	30	7	0	0
NORTHFIELD CITY	74	40	34	0	72	2	0	0
PLEASANTVILLE CITY	209	96	113	0	132	77	0	0
PORT REPUBLIC CITY	6	3	3	0	6	0	0	0
SOMERS POINT CITY	118	65	53	0	117	1	0	0
VENTNOR CITY	190	90	100	0	188	0	2	0
WEYMOUTH TWP	21	13	8	0	17	4	0	0
*TOTAL ATLANTIC	2392	1191	1201	0	1937	449	5	1

TABLE-12 (CONTINUED)

BERGEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLENDALE BORO	48	18	30	0	48	0	0	0
ALPINE BORO	10	4	6	0	10	0	0	0
BERGENFIELD BORO	246	120	126	0	241	2	3	0
BOGOTA BORO	63	24	39	0	62	1	0	0
CARLSTADT BORO	55	30	25	0	55	0	0	0
CLIFFSIDE PARK BORO	239	115	124	0	238	1	0	0
CLOSTER BORO	57	22	35	0	57	0	0	0
CRESSKILL BORO	78	41	37	0	76	0	2	0
DEMAREST BORO	32	17	15	0	32	0	0	0
DUMONT BORO	189	94	95	0	187	0	2	0
EAST RUTHERFORD BORO	70	28	42	0	65	5	0	0
EDGEWATER BORO	41	21	20	0	39	0	2	0
ELMWOOD PARK BORO	180	100	80	0	180	0	0	0
EMERSON BORO	82	41	41	0	82	0	0	0
ENGLEWOOD CITY	249	124	125	0	144	100	5	0
ENGLEWOOD CLIFFS BORO	45	23	22	0	42	0	3	0
FAIR LAWN BORO	342	198	144	0	339	1	2	0
FAIRVIEW BORO	118	59	59	0	118	0	0	0
FORT LEE BORO	322	168	154	0	316	0	5	1
FRANKLIN LAKES BORO	54	27	27	0	53	1	0	0
GARFIELD CITY	355	183	172	0	354	1	0	0
GLEN ROCK BORO	100	49	51	0	97	3	0	0
HACKENSACK CITY	396	200	196	0	321	74	1	0
HARRINGTON PARK BORO	32	14	18	0	32	0	0	0
HASBROUCK HEIGHTS BORO	127	66	61	0	127	0	0	0
HAWORTH BORO	31	17	14	0	31	0	0	0
HILLSDALE BORO	69	39	30	0	69	0	0	0
HOHOKUS BORO	42	19	23	0	41	0	1	0
LEONIA BORO	82	40	42	0	80	2	0	0
LITTLE FERRY BORO	80	37	43	0	80	0	0	0
LODI BORO	227	102	125	0	225	2	0	0
LYNDHURST TWP	208	97	111	0	207	0	1	0
MAHWAH TWP	82	44	38	0	80	2	0	0
MAYWOOD BORO	97	52	45	0	96	1	0	0
MIDLAND PARK BORO	61	33	28	0	61	0	0	0
MONTVALE BORO	40	18	22	0	40	0	0	0

TABLE-12 (CONTINUED)

BERGEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
MOONACHIE BORO	21	10	11	0	21	0	0	0
NEW MILFORD BORO	157	72	85	0	157	0	0	0
NORTH ARLINGTON BORO	192	91	101	0	192	0	0	0
NORTHVALE BORO	35	22	13	0	35	0	0	0
NORWOOD BORO	29	9	20	0	28	1	0	0
OAKLAND BORO	78	40	38	0	78	0	0	0
OLD TAPPAN BORO	24	10	14	0	24	0	0	0
ORADELL BORO	67	34	33	0	65	0	2	0
PALISADES INTERSTATE BORO	1	1	0	0	1	0	0	0
PALISADES PARK BORO	148	72	76	0	146	0	1	1
PARAMUS BORO	215	112	103	0	212	1	2	0
PARK RIDGE BORO	55	26	29	0	55	0	0	0
RAMSEY BORO	80	36	44	0	80	0	0	0
RIDGEFIELD BORO	92	43	49	0	92	0	0	0
RIDGEFIELD PARK TWP	143	59	84	0	142	0	1	0
RIDGEWOOD VIL	181	81	100	0	179	2	0	0
RIVER EDGE BORO	108	49	59	0	108	0	0	0
RIVER VALE TWP	58	30	28	0	58	0	0	0
ROCHELLE PARK TWP	71	30	41	0	71	0	0	0
RUTHERFORD BORO	192	96	96	0	185	5	2	0
SADDLE BROOK TWP	135	70	65	0	135	0	0	0
SADDLE RIVER BORO	14	4	10	0	14	0	0	0
SOUTH HACKENSACK TWP	8	5	3	0	8	0	0	0
TEANECK TWP	322	160	162	0	267	55	0	0
TENAFLY BORO	128	60	68	0	125	0	2	1
TETERBORO BORO	1	0	1	0	1	0	0	0
UPPER SADDLE RIVER BORO	41	23	18	0	41	0	0	0
WALDWICK BORO	61	35	26	0	60	0	1	0
WALLINGTON BORO	111	64	47	0	111	0	0	0
WASHINGTON TWP	57	22	35	0	57	0	0	0
WESTWOOD BORO	99	47	52	0	96	2	1	0
WOOD-RIDGE BORO	67	31	36	0	67	0	0	0
WOODCLIFF LAKE BORO	29	19	10	0	29	0	0	0
WYCKOFF TWP	100	40	60	0	99	0	1	0
*TOTAL BERGEN	7669	3787	3882	0	7364	262	40	3

TABLE-12 (CONTINUED)

BURLINGTON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BASS RIVER TWP	11	5	6	0	11	0	0	0
BEVERLY CITY	37	13	24	0	31	5	1	0
BORDENTOWN CITY	58	30	28	0	49	8	1	0
BORDENTOWN TWP	53	26	27	0	53	0	0	0
BURLINGTON CITY	154	74	80	0	130	24	0	0
BURLINGTON TWP	70	37	33	0	66	4	0	0
CHESTERFIELD TWP	17	12	5	0	17	0	0	0
CINNAMINSON TWP	101	43	58	0	87	13	1	0
DELANCO TWP	50	24	26	0	49	1	0	0
DELRAN TWP	83	45	38	0	81	2	0	0
EASTAMPTON TWP	15	8	7	0	15	0	0	0
EDGEWATER PARK TWP	54	30	24	0	53	0	1	0
EVESHAM TWP	114	60	54	0	110	3	1	0
FIELDSBORO BORO	5	5	0	0	3	2	0	0
FLORENCE TWP	95	40	55	0	91	4	0	0
HAINESPORT TWP	37	24	13	0	37	0	0	0
LUMBERTON TWP	31	15	16	0	31	0	0	0
MANSFIELD TWP	28	22	6	0	28	0	0	0
MAPLE SHADE TWP	208	106	102	0	204	3	0	1
MEDFORD LAKES BORO	26	12	14	0	26	0	0	0
MEDFORD TWP	141	64	77	0	140	1	0	0
MOORESTOWN TWP	153	58	95	0	135	18	0	0
MOUNT HOLLY TWP	139	74	65	0	125	14	0	0
MOUNT LAUREL TWP	111	51	60	0	104	7	0	0
NEW HANOVER TWP	3	1	2	0	3	0	0	0
NORTH HANOVER TWP	13	7	6	0	12	1	0	0
PALMYRA BORO	69	34	35	0	53	16	0	0
PEMBERTON BORO	34	17	17	0	27	7	0	0
PEMBERTON TWP	169	102	67	0	147	20	2	0
RIVERSIDE TWP	94	43	51	0	91	3	0	0
RIVERTON BORO	38	16	22	0	37	1	0	0
SHAMONG TWP	20	12	8	0	20	0	0	0
SOUTHAMPTON TWP	166	90	76	0	163	3	0	0
SPRINGFIELD TWP	12	9	3	0	12	0	0	0
TABERNACLE TWP	21	8	13	0	21	0	0	0
WASHINGTON TWP	2	1	1	0	2	0	0	0
WESTAMPTON TWP	18	12	6	0	15	3	0	0
WILLINGBORO TWP	196	116	80	0	126	68	2	0
WOODLAND TWP	7	4	3	0	7	0	0	0
WRIGHTSTOWN BORO	24	16	8	0	23	1	0	0
*TOTAL BURLINGTON	2677	1366	1311	0	2435	232	9	1

CAMDEN COUNTY

TABLE-12 (CONTINUED)

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AUDUBON BORO	102	56	46	0	102	0	0	0
AUDUBON PARK BORO	18	8	10	0	18	0	0	0
BARRINGTON BORO	42	21	21	0	42	0	0	0
BELLMAWR BORO	128	67	61	0	128	0	0	0
BERLIN BORO	78	37	41	0	72	6	0	0
BERLIN TWP	40	17	23	0	37	3	0	0
BROOKLAWN BORO	28	16	12	0	28	0	0	0
CAMDEN CITY	861	455	406	0	441	415	3	2
CHERRY HILL TWP	546	274	272	0	523	16	7	0
CHESILHURST BORO	11	5	6	0	5	6	0	0
CLEMENTON BORO	86	42	44	0	86	0	0	0
COLLINGSWOOD BORO	225	100	125	0	224	1	0	0
GIBBSBORO BORO	31	17	14	0	30	0	0	1
GLOUCESTER CITY	168	90	78	0	168	0	0	0
GLOUCESTER TWP	259	145	114	0	252	5	2	0
HADDON HEIGHTS BORO	94	57	37	0	94	0	0	0
HADDON TWP	158	79	79	0	158	0	0	0
HADDONFIELD BORO	128	56	72	0	125	3	0	0
HI-NELLA BORO	6	3	3	0	6	0	0	0
LAUREL SPRINGS BORO	29	17	12	0	29	0	0	0
LAWNSIDE BORO	37	21	16	0	2	35	0	0
LINDENWOLD BORO	91	49	42	0	86	5	0	0
MAGNOLIA BORO	49	25	24	0	39	10	0	0
MERCHANTVILLE BORO	53	24	29	0	53	0	0	0
MOUNT EPHRAIM BORO	70	35	35	0	70	0	0	0
OAKLYN BORO	54	31	23	0	54	0	0	0
PENNSAUKEN TWP	340	168	171	1	321	19	0	0
PINE HILL BORO	84	51	33	0	83	1	0	0
RUNNEMEDE BORO	76	41	35	0	74	1	1	0
SOMERDALE BORO	60	43	17	0	53	6	1	0
STRATFORD BORO	75	34	41	0	75	0	0	0
VOORHEES TWP	66	33	33	0	64	1	1	0
WATERFORD TWP	59	27	32	0	55	3	1	0
WINSLOW TWP	126	67	59	0	104	22	0	0
WOOD-LYNNE BORO	34	18	16	0	34	0	0	0
*TOTAL CAMDEN	4312	2229	2082	1	3735	558	16	3

TABLE-12 (CONTINUED)

CAPE MAY COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AVALON BORO	34	18	16	0	34	0	0	0
CAPE MAY CITY	71	36	35	0	68	3	0	0
CAPE MAY POINT BORO	3	1	2	0	3	0	0	0
DENNIS TWP	45	18	27	0	45	0	0	0
LOWER TWP	201	107	94	0	201	0	0	0
MIDDLE TWP	147	79	68	0	132	14	1	0
NORTH WILDWOOD CITY	86	39	47	0	86	0	0	0
OCEAN CITY	219	107	112	0	205	13	1	0
SEA ISLE CITY	25	14	11	0	24	0	1	0
STONE HARBOR BORO	27	12	15	0	27	0	0	0
UPPER TWP	67	30	37	0	67	0	0	0
WEST CAPE MAY BORO	10	6	4	0	7	3	0	0
WEST WILDWOOD BORO	5	3	2	0	5	0	0	0
WILDWOOD CITY	92	52	40	0	76	14	1	1
WILDWOOD CREST BORO	54	33	21	0	54	0	0	0
WOODBINE BORO	16	9	7	0	10	5	1	0
*TOTAL CAPE MAY	1102	564	538	0	1044	52	5	1

CUMBERLAND COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BRIDGETON CITY	220	108	112	0	141	74	5	0
COMMERCIAL TWP	35	15	20	0	19	16	0	0
DEERFIELD TWP	18	10	8	0	13	5	0	0
DOWNE TWP	19	15	4	0	18	1	0	0
FAIRFIELD TWP	48	27	21	0	29	19	0	0
GREENWICH TWP	7	5	2	0	7	0	0	0
HOPEWELL TWP	31	15	16	0	29	1	1	0
LAWRENCE TWP	17	7	10	0	14	3	0	0
MAURICE RIVER TWP	39	22	17	0	35	4	0	0
MILLVILLE CITY	314	175	139	0	299	14	1	0
SHILOH BORO	4	3	1	0	4	0	0	0
STOW CREEK TWP	8	4	4	0	7	1	0	0
UPPER DEERFIELD TWP	38	16	22	0	34	3	1	0
VINELAND CITY	458	234	224	0	432	26	0	0
*TOTAL CUMBERLAND	1256	656	600	0	1081	167	8	0

TABLE-12 (CONTINUED)

ESSEX COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BELLEVILLE TOWN	343	168	175	0	331	12	0	0
BLOOMFIELD TOWN	547	256	291	0	531	14	2	0
CALDWELL BORO	83	45	38	0	83	0	0	0
CEDAR GROVE TWP	107	57	50	0	105	2	0	0
EAST ORANGE CITY	769	404	365	0	248	518	3	0
ESSEX FELLS BORO	12	7	5	0	12	0	0	0
FAIRFIELD BORO	41	23	18	0	41	0	0	0
GLEN RIDGE BORO	69	34	35	0	67	1	1	0
IRVINGTON TOWN	659	322	337	0	502	152	4	1
LIVINGSTON TWP	216	117	99	0	211	1	4	0
MAPLEWOOD TWP	212	117	95	0	208	4	0	0
MILLBURN TWP	179	87	92	0	178	1	0	0
MONTCLAIR TOWN	445	204	241	0	297	146	2	0
NEWARK CITY	2927	1588	1337	2	1190	1704	15	18
NORTH CALDWELL BORO	28	17	11	0	26	0	2	0
NUTLEY TOWN	280	138	142	0	274	5	1	0
ORANGE CITY	340	159	181	0	194	144	1	1
ROSELAND BORO	46	23	23	0	46	0	0	0
SOUTH ORANGE VIL	164	81	83	0	149	15	0	0
VERONA BORO	150	72	78	0	147	2	1	0
WEST CALDWELL BORO	82	43	39	0	81	0	1	0
WEST ORANGE TOWN	440	219	221	0	431	9	0	0
*TOTAL ESSEX	8139	4181	3956	2	5352	2730	37	20

TABLE-12 (CONTINUED)

GLOUCESTER COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CLAYTON BORO	55	29	26	0	48	6	1	0
DEPTFORD TWP	118	64	54	0	111	7	0	0
EAST GREENWICH TWP	37	16	21	0	34	3	0	0
ELK TWP	20	12	8	0	18	2	0	0
FRANKLIN TWP	85	44	41	0	76	9	0	0
GLASSBORO BORO	109	59	50	0	78	31	0	0
GREENWICH TWP	48	29	19	0	44	4	0	0
HARRISON TWP	40	20	20	0	37	3	0	0
LOGAN TWP	10	6	4	0	9	1	0	0
MANTUA TWP	108	62	46	0	104	4	0	0
MONROE TWP	191	104	87	0	166	25	0	0
NATIONAL PARK BORO	27	20	7	0	27	0	0	0
NEWFIELD BORO	16	7	9	0	12	4	0	0
PAULSBORO BORO	100	62	38	0	77	23	0	0
PITMAN BORO	106	49	57	0	105	1	0	0
SOUTH HARRISON TWP	3	1	2	0	3	0	0	0
SWEDESBORO BORO	55	27	28	0	45	10	0	0
WASHINGTON TWP	98	50	48	0	95	3	0	0
WENONAH BORO	47	24	23	0	38	9	0	0
WEST DEPTFORD TWP	105	59	46	0	102	2	1	0
WESTVILLE BORO	75	28	47	0	70	5	0	0
WOODBURY CITY	163	76	87	0	140	23	0	0
WOODBURY HEIGHTS BORO	41	19	22	0	38	3	0	0
WOOLWICH TWP	4	3	1	0	3	1	0	0
*TOTAL GLOUCESTER	1661	870	791	0	1480	179	2	0

TABLE-12 (CONTINUED)

HUDSON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BAYONNE CITY	867	440	427	0	831	35	0	1
EAST NEWARK BORO	18	12	6	0	18	0	0	0
GUTTENBERG TOWN	64	30	34	0	61	1	2	0
HARRISON TOWN	130	74	56	0	130	0	0	0
HOBOKEN CITY	360	186	174	0	342	14	4	0
JERSEY CITY	2423	1273	1150	0	1854	537	32	0
KEARNY TOWN	361	188	173	0	357	2	2	0
NORTH BERGEN TWP	547	256	291	0	542	3	2	0
SECAUCUS TOWN	150	76	74	0	150	0	0	0
UNION CITY	442	240	202	0	436	4	1	1
WEEHAWKEN TWP	123	64	59	0	121	1	1	0
WEST NEW YORK TOWN	341	167	174	0	333	5	2	1
*TOTAL HUDSON	5826	3006	2820	0	5175	602	46	3

TABLE-12 (CONTINUED)

HUNTERDON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALEXANDRIA TWP	5	1	4	0	5	0	0	0
BETHELEM TWP	13	7	6	0	13	0	0	0
BLOOMSBURY BORO	8	3	5	0	8	0	0	0
CALIFON BORO	15	5	10	0	15	0	0	0
CLINTON TOWN	15	9	6	0	15	0	0	0
CLINTON TWP	30	12	18	0	30	0	0	0
DELAWARE TWP	17	12	5	0	17	0	0	0
EAST AMWELL TWP	26	18	8	0	26	0	0	0
FLEMINGTON BORO	66	29	37	0	66	0	0	0
FRANKLIN TWP	23	10	13	0	23	0	0	0
FRENCHTOWN BORO	22	12	10	0	22	0	0	0
GLEN GARDNER BORO	18	11	7	0	17	1	0	0
HAMPTON BORO	16	10	6	0	15	1	0	0
HIGH BRIDGE BORO	34	14	20	0	34	0	0	0
HOLLAND TWP	14	5	9	0	14	0	0	0
KINGWOOD TWP	13	8	5	0	13	0	0	0
LAMBERTVILLE CITY	52	23	29	0	52	0	0	0
LEBANON BORO	14	11	3	0	14	0	0	0
LEBANON TWP	37	18	19	0	37	0	0	0
MILFORD BORO	15	9	6	0	15	0	0	0
RARITAN TWP	55	26	29	0	55	0	0	0
READINGTON TWP	49	29	20	0	48	0	1	0
STOCKTON BORO	11	10	1	0	10	0	1	0
TEWKSBURY TWP	17	11	6	0	17	0	0	0
UNION TWP	18	13	5	0	17	1	0	0
WEST AMWELL TWP	12	9	3	0	12	0	0	0
*TOTAL HUNTERDON	615	325	290	0	610	3	2	0

TABLE-12 (CONTINUED)

MERCER COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
EAST WINDSOR TWP	91	40	50	1	85	6	0	0
EWING TWP	316	156	160	0	281	34	1	0
HAMILTON TWP	712	364	348	0	697	15	0	0
HIGHTSTOWN BORO	76	31	45	0	68	7	1	0
HOPEWELL BORO	23	12	11	0	22	1	0	0
HOPEWELL TWP	61	29	32	0	61	0	0	0
LAWRENCE TWP	161	88	73	0	148	13	0	0
PENNINGTON BORO	19	10	9	0	18	1	0	0
PRINCETON BORO	121	47	74	0	109	11	1	0
PRINCETON TWP	43	24	19	0	38	5	0	0
TRENTON CITY	1096	586	510	0	730	364	1	1
WASHINGTON TWP	39	25	14	0	38	1	0	0
WEST WINDSOR TWP	33	18	15	0	32	1	0	0
*TOTAL MERCER	2791	1430	1360	1	2327	459	4	1

TABLE-12 (CONTINUED)

MIDDLESEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CARTERET BORO	220	133	87	0	213	7	0	0
CRANBURY TWP	74	45	29	0	72	1	1	0
DUNELLEN BORO	69	26	43	0	69	0	0	0
EAST BRUNSWICK TWP	179	91	88	0	179	0	0	0
EDISON TWP	556	304	252	0	537	16	3	0
HELMETTA BORO	8	4	4	0	8	0	0	0
HIGHLAND PARK BORO	105	40	65	0	103	2	0	0
JAMESBURG BORO	82	49	33	0	77	5	0	0
METUCHEN BORO	153	74	79	0	144	8	1	0
MIDDLESEX BORO	111	55	56	0	110	1	0	0
MILLTOWN BORO	62	34	28	0	62	0	0	0
MONROE TWP	116	58	58	0	114	2	0	0
NEW BRUNSWICK CITY	299	150	149	0	225	72	2	0
NORTH BRUNSWICK TWP	159	75	84	0	149	9	1	0
OLD BRIDGE TWP	305	151	154	0	300	2	2	1
PERTH AMBOY CITY	407	214	193	0	382	25	0	0
PISCATAWAY TWP	189	108	81	0	153	33	3	0
PLAINSBORO TWP	18	9	9	0	15	1	1	1
SAYREVILLE BORO	271	151	120	0	270	1	0	0
SOUTH AMBOY CITY	117	60	57	0	117	0	0	0
SOUTH BRUNSWICK TWP	100	58	42	0	96	3	1	0
SOUTH PLAINFIELD BORO	118	63	55	0	111	7	0	0
SOUTH RIVER BORO	163	93	70	0	161	2	0	0
SPOTSWOOD BORO	72	30	42	0	71	0	1	0
WOODBRIDGE TWP	737	388	349	0	709	25	3	0
*TOTAL MIDDLESEX	4690	2463	2227	0	4447	222	19	2

TABLE-12 (CONTINUED)

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABERDEEN TWP	125	63	62	0	108	16	1	0
ALLENHURST BORO	12	5	7	0	12	0	0	0
ALLENTOWN BORO	14	9	5	0	14	0	0	0
ASBURY PARK CITY	322	152	170	0	213	108	1	0
ATLANTIC HIGHLANDS BORO	48	19	29	0	43	4	1	0
AVON-BY-THE-SEA BORO	34	13	21	0	33	1	0	0
BELMAR BORO	113	48	65	0	106	7	0	0
BRADLEY BEACH BORO	53	27	26	0	53	0	0	0
BRIELLE BORO	34	19	15	0	32	2	0	0
COLTS NECK TOWNSHIP	33	17	16	0	32	1	0	0
DEAL BORO	18	9	9	0	18	0	0	0
EATONTOWN BORO	106	59	47	0	101	5	0	0
ENGLISHTOWN BORO	73	39	34	0	71	2	0	0
FAIR HAVEN BORO	50	25	25	0	42	8	0	0
FARMINGDALE BORO	21	12	9	0	20	1	0	0
FREEHOLD BORO	145	68	77	0	121	24	0	0
FREEHOLD TWP	116	57	59	0	110	5	1	0
HAZLET TWP	177	87	90	0	174	2	1	0
HIGHLANDS BORO	64	37	27	0	64	0	0	0
HOLMDEL TWP	51	16	35	0	50	0	1	0
HOWELL TWP	181	99	82	0	178	2	1	0
INTERLAKEN BORO	14	8	6	0	14	0	0	0
KEANSBURG BORO	121	66	55	0	119	2	0	0
KEYPORT BORO	118	56	62	0	114	4	0	0
LITTLE SILVER BORO	50	25	25	0	50	0	0	0
LOCH ARBOUR VILLAGE	2	2	0	0	2	0	0	0
LONG BRANCH CITY	327	155	172	0	267	60	0	0
MANALAPAN TWP	106	48	58	0	99	7	0	0
MANASQUAN BORO	99	49	50	0	98	1	0	0
MARLBORO TWP	99	65	34	0	89	10	0	0
MATAWAN BORO	101	49	52	0	92	8	1	0
MIDDLETOWN TWP	515	249	266	0	498	12	5	0

TABLE-12 (CONTINUED)

MONMOUTH COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
MILLSTONE TWP	34	21	13	0	30	4	0	0
MONMOUTH BEACH BORO	21	14	7	0	20	1	0	0
NEPTUNE CITY BORO	93	46	47	0	80	13	0	0
NEPTUNE TWP	356	169	187	0	279	75	2	0
OCEAN TWP	177	92	85	0	172	4	1	0
OCEANPORT BORO	40	25	15	0	40	0	0	0
RED BANK BORO	219	91	128	0	188	31	0	0
ROOSEVELT BORO	8	4	4	0	8	0	0	0
RUMSON BORO	56	33	23	0	56	0	0	0
SEA BRIGHT BORO	22	10	12	0	20	2	0	0
SEA GIRT BORO	48	25	23	0	48	0	0	0
SHREWSBURY BORO	35	20	15	0	34	1	0	0
SHREWSBURY TWP	10	5	5	0	8	2	0	0
SOUTH BELMAR BORO	20	9	11	0	19	1	0	0
SPRING LAKE BORO	62	32	30	0	62	0	0	0
SPRING LAKE HEIGHTS BORO	91	49	42	0	90	0	1	0
TINTON FALLS BORO	47	28	19	0	38	9	0	0
UNION BEACH BORO	82	39	43	0	80	0	2	0
UPPER FREEHOLD TWP	28	20	8	0	27	1	0	0
WALL TWP	177	94	83	0	177	0	0	0
WEST LONG BRANCH BORO	64	33	31	0	64	0	0	0
*TOTAL MONMOUTH	5032	2511	2521	0	4577	436	19	0

TABLE-12 (CONTINUED)

MORRIS COUNTY		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BOONTON TOWN	108	53	55	0	105	3	0	0
BOONTON TWP	48	25	23	0	47	1	0	0
BUTLER BORO	57	32	25	0	57	0	0	0
CHATHAM BORO	97	43	54	0	96	0	1	0
CHATHAM TWP	66	32	34	0	66	0	0	0
CHESTER BORO	19	7	12	0	19	0	0	0
CHESTER TWP	23	13	10	0	22	0	0	1
DENVILLE TWP	114	46	68	0	113	0	1	0
DOVER TOWN	155	83	72	0	152	3	0	0
EAST HANOVER TWP	60	30	30	0	59	0	1	0
FLORHAM PARK BORO	73	34	39	0	73	0	0	0
HANOVER TWP	83	48	35	0	82	1	0	0
HARDING TWP	26	14	12	0	24	2	0	0
JEFFERSON TWP	95	55	39	1	94	1	0	0
KINNELON BORO	36	18	18	0	36	0	0	0
LINCOLN PARK BORO	80	33	47	0	80	0	0	0
MADISON BORO	129	65	64	0	126	2	1	0
MENDHAM BORO	42	19	23	0	41	0	1	0
MENDHAM TWP	25	12	13	0	25	0	0	0
MINE HILL TWP	32	13	19	0	32	0	0	0
MONTVILLE TWP	82	45	37	0	80	1	1	0
MORRIS PLAINS BORO	77	38	39	0	76	0	1	0
MORRIS TWP	107	48	59	0	101	6	0	0
MORRISTOWN TOWN	221	91	130	0	187	32	2	0
MOUNT ARLINGTON BORO	20	12	8	0	19	1	0	0
MOUNT OLIVE TWP	95	47	48	0	93	1	1	0
MOUNTAIN LAKES BORO	22	8	14	0	22	0	0	0
NETCONG BORO	27	14	13	0	27	0	0	0
PARSIPPANY-TROY HILLS TWP	248	134	114	0	240	3	5	0
PASSAIC TWP	53	30	23	0	53	0	0	0
PEQUANNOCK TWP	100	46	54	0	100	0	0	0
RANDOLPH TWP	109	61	48	0	103	3	3	0
RIVERDALE BORO	17	8	9	0	17	0	0	0
ROCKAWAY BORO	86	48	38	0	86	0	0	0
ROCKAWAY TWP	64	34	30	0	64	0	0	0
ROXBURY TWP	128	65	63	0	127	1	0	0
VICTORY GARDENS BORO	6	5	1	0	6	0	0	0
WASHINGTON TWP	56	29	27	0	54	0	2	0
WHARTON BORO	48	25	23	0	47	0	1	0
*TOTAL MORRIS	2934	1463	1470	1	2851	61	21	1

OCEAN COUNTY

TABLE-12 (CONTINUED)

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BARNEGAT LIGHT BORO	18	12	6	0	17	1	0	0
BARNEGAT TWP	85	44	41	0	83	2	0	0
BAY HEAD BORO	17	8	9	0	17	0	0	0
BEACH HAVEN BORO	40	20	20	0	40	0	0	0
BEACHWOOD BORO	70	47	23	0	70	0	0	0
BERKELEY TWP	398	226	172	0	395	3	0	0
BRICK TWP	574	317	257	0	572	1	1	0
DOVER TWP	932	507	425	0	927	4	1	0
EAGLESWOOD TWP	13	6	7	0	13	0	0	0
HARVEY CEDARS BORO	3	3	0	0	3	0	0	0
ISLAND HEIGHTS BORO	20	13	7	0	20	0	0	0
JACKSON TWP	219	125	94	0	215	4	0	0
LACEY TWP	181	99	82	0	181	0	0	0
LAKEHURST BORO	113	71	42	0	110	2	1	0
LAKEWOOD TWP	647	314	333	0	602	44	1	0
LAVALLETTE BORO	44	18	26	0	44	0	0	0
LITTLE EGG HARBOR TWP	86	56	30	0	86	0	0	0
LONG BEACH TWP	52	28	24	0	51	0	0	1
MANCHESTER TWP	606	326	280	0	603	2	1	0
MANTOLOKING BORO	12	5	7	0	12	0	0	0
OCEAN GATE BORO	20	13	7	0	20	0	0	0
OCEAN TWP	56	35	21	0	56	0	0	0
PINE BEACH BORO	18	9	9	0	18	0	0	0
PLUMSTED TWP	30	18	12	0	29	1	0	0
POINT PLEASANT BEACH BORO	64	32	32	0	63	0	1	0
POINT PLEASANT BORO	236	115	121	0	236	0	0	0
SEASIDE HEIGHTS BORO	21	10	11	0	21	0	0	0
SEASIDE PARK BORO	32	15	17	0	32	0	0	0
SHIP BOTTOM BORO	21	6	15	0	21	0	0	0
SOUTH TOMS RIVER BORO	32	20	12	0	27	5	0	0
STAFFORD TWP	131	62	69	0	131	0	0	0
SURF CITY BORO	24	16	8	0	24	0	0	0
TUCKERTON BORO	66	38	28	0	65	1	0	0
*TOTAL OCEAN	4881	2634	2247	0	4804	70	6	1

TABLE-12 (CONTINUED)

PASSAIC COUNTY RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BLOOMINGDALE BORO	58	32	26	0	57	0	1	0
CLIFTON CITY	858	428	430	0	853	3	2	0
HALEDON BORO	95	43	52	0	94	1	0	0
HAWTHORNE BORO	190	89	101	0	190	0	0	0
LITTLE FALLS TWP	111	55	56	0	111	0	0	0
NORTH HALEDON BORO	84	48	36	0	84	0	0	0
PASSAIC CITY	553	276	277	0	492	58	3	0
PATERSON CITY	1230	666	564	0	897	330	2	1
POMPTON LAKES BORO	93	45	48	0	92	0	1	0
PROSPECT PARK BORO	50	23	27	0	49	0	1	0
RINGWOOD BORO	75	41	34	0	70	4	1	0
TOTOWA BORO	130	66	64	0	130	0	0	0
WANAQUE BORO	86	46	40	0	85	1	0	0
WAYNE TWP	338	173	165	0	334	3	1	0
WEST MILFORD TWP	140	77	63	0	138	1	1	0
WEST PATERSON BORO	85	42	43	0	85	0	0	0
*TOTAL PASSAIC	4176	2150	2026	0	3761	401	13	1

SALEM COUNTY RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLOWAY TWP	21	10	11	0	16	5	0	0
CARNEYS POINT TWP	75	34	41	0	71	4	0	0
ELMER BORO	33	17	16	0	31	2	0	0
ELSINBORO TWP	7	4	3	0	7	0	0	0
LOWER ALLOWAY CREEK TWP	9	4	5	0	7	2	0	0
MANNINGTON TWP	13	6	7	0	8	5	0	0
OLDMANS TWP	12	8	4	0	10	2	0	0
PENNS GROVE BORO	69	36	33	0	52	17	0	0
PENNSVILLE TWP	118	55	63	0	116	1	1	0
PILESGROVE TWP	22	18	4	0	21	1	0	0
PITTSGROVE TWP	28	16	12	0	26	2	0	0
QUINTON TWP	22	9	13	0	17	4	1	0
SALEM CITY	110	59	51	0	73	36	1	0
UPPER PITTSGROVE TWP	16	5	11	0	16	0	0	0
WOODSTOWN BORO	45	21	24	0	33	12	0	0
*TOTAL SALEM	600	302	298	0	504	93	3	0

TABLE-12 (CONTINUED)

SOMERSET COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BEDMINSTER TWP	20	11	9	0	20	0	0	0
BERNARDS TWP	89	41	48	0	89	0	0	0
BERNARDSVILLE BORO	45	23	22	0	45	0	0	0
BOUND BROOK BORO	111	66	45	0	111	0	0	0
BRANCHBURG TWP	46	25	21	0	46	0	0	0
BRIDGEWATER TWP	170	79	91	0	169	0	1	0
FAR HILLS BORO	9	3	6	0	8	0	1	0
FRANKLIN TWP	206	97	109	0	169	35	2	0
GREEN BROOK TWP	44	26	18	0	44	0	0	0
HILLSBOROUGH TWP	89	44	45	0	88	1	0	0
MANVILLE BORO	105	63	42	0	105	0	0	0
MILLSTONE BORO	8	6	2	0	8	0	0	0
MONTGOMERY TWP	54	28	26	0	53	1	0	0
NORTH PLAINFIELD BORO	186	96	90	0	185	1	0	0
PEAPACK-GLADSTONE BORO	14	6	8	0	14	0	0	0
RARITAN BORO	43	24	19	0	43	0	0	0
ROCKY HILL BORO	6	4	2	0	5	1	0	0
SOMERVILLE BORO	125	61	64	0	111	14	0	0
SOUTH BOUND BROOK BORO	36	20	16	0	35	1	0	0
WARREN TWP	74	43	31	0	74	0	0	0
WATCHUNG BORO	34	12	22	0	34	0	0	0
*TOTAL SOMERSET	1514	778	736	0	1456	54	4	0

TABLE-12 (CONTINUED)

SUSSEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ANDOVER BORO	25	17	8	0	25	0	0	0
ANDOVER TWP	58	23	35	0	57	1	0	0
BRANCHVILLE BORO	19	9	10	0	18	1	0	0
BYRAM TWP	27	15	12	0	27	0	0	0
FRANKFORD TWP	33	16	17	0	33	0	0	0
FRANKLIN BORO	37	24	13	0	37	0	0	0
FREDON TWP	11	5	6	0	11	0	0	0
GREEN TWP	12	7	5	0	12	0	0	0
HAMBURG BORO	23	13	10	0	23	0	0	0
HAMPTON TWP	16	9	7	0	16	0	0	0
HARDYSTON TWP	30	17	13	0	30	0	0	0
HOPATCONG BORO	81	40	41	0	81	0	0	0
LAFAYETTE TWP	9	6	3	0	9	0	0	0
MONTAGUE TWP	28	13	15	0	28	0	0	0
NEWTON TOWN	114	57	57	0	112	2	0	0
OGDENSBURG BORO	11	6	5	0	11	0	0	0
SANDYSTON TWP	8	6	2	0	8	0	0	0
SPARTA TWP	84	49	35	0	84	0	0	0
STANHOPE BORO	20	11	9	0	20	0	0	0
STILLWATER TWP	26	14	12	0	26	0	0	0
SUSSEX BORO	25	13	12	0	25	0	0	0
VERNON TWP	72	39	33	0	71	1	0	0
WALPACK TWP	2	1	1	0	2	0	0	0
WANTAGE TWP	31	16	15	0	31	0	0	0
*TOTAL SUSSEX	802	426	376	0	797	5	0	0

TABLE-12 (CONTINUED)

UNION COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BERKELEY HEIGHTS TWP	82	35	47	0	82	0	0	0
CLARK TWP	147	78	69	0	145	0	1	1
CRANFORD TWP	221	97	124	0	213	7	1	0
ELIZABETH CITY	1128	580	548	0	961	162	4	1
FANWOOD BORO	49	23	26	0	47	1	1	0
GARWOOD BORO	50	20	30	0	50	0	0	0
HILLSIDE TWP	189	98	91	0	158	31	0	0
KENILWORTH BORO	85	45	40	0	82	3	0	0
LINDEN CITY	403	218	185	0	362	41	0	0
MOUNTAINSIDE BORO	66	38	28	0	64	2	0	0
NEW PROVIDENCE BORO	97	48	49	0	97	0	0	0
PLAINFIELD CITY	371	192	179	0	185	185	1	0
RAHWAY CITY	291	143	148	0	255	35	0	1
ROSELLE BORO	221	126	95	0	168	53	0	0
ROSELLE PARK BORO	114	68	46	0	114	0	0	0
SCOTCH PLAINS TWP	164	76	88	0	136	27	1	0
SPRINGFIELD TWP	185	92	93	0	183	2	0	0
SUMMIT CITY	219	111	108	0	202	17	0	0
UNION TWP	656	347	309	0	609	44	3	0
WESTFIELD TOWN	244	113	131	0	225	18	1	0
WINFIELD TWP	20	9	11	0	20	0	0	0
*TOTAL UNION	5002	2557	2445	0	4358	628	13	3

TABLE-12 (CONTINUED)

WARREN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLAMUCHY TWP	16	8	8	0	16	0	0	0
ALPHA BORO	25	13	12	0	25	0	0	0
BELVIDERE TOWN	37	15	22	0	37	0	0	0
BLAIRSTOWN TWP	51	23	28	0	51	0	0	0
FRANKLIN TWP	18	8	10	0	18	0	0	0
FRELINGHUYSEN TWP	9	5	4	0	9	0	0	0
GREENWICH TWP	17	8	9	0	17	0	0	0
HACKETTSTOWN TOWN	118	57	61	0	117	0	1	0
HARDWICK TWP	8	5	3	0	8	0	0	0
HARMONY TWP	24	12	12	0	24	0	0	0
HOPE TWP	16	3	13	0	16	0	0	0
INDEPENDENCE TWP	32	17	15	0	31	1	0	0
KNOWLTON TWP	16	4	12	0	16	0	0	0
LIBERTY TWP	4	2	2	0	4	0	0	0
LOPATCONG TWP	37	17	20	0	37	0	0	0
MANSFIELD TWP	26	16	10	0	25	1	0	0
OXFORD TWP	20	10	10	0	20	0	0	0
PHILLIPSBURG TOWN	233	119	114	0	231	2	0	0
POHATCONG TWP	14	7	7	0	14	0	0	0
WASHINGTON BORO	82	47	35	0	78	4	0	0
WASHINGTON TWP	44	22	22	0	44	0	0	0
WHITE TWP	7	4	3	0	7	0	0	0
*TOTAL WARREN	854	422	432	0	845	8	1	0

TABLE-12 (CONTINUED)

STATE INST COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ANCORA STATE HOSPITAL ANC	2	1	1	0	1	1	0	0
HUNTERDON STATE SCHOOL	1	1	0	0	1	0	0	0
N J ST COLONY MALES NEW L	1	1	0	0	1	0	0	0
N J ST COLONY MALES WOODB	1	1	0	0	1	0	0	0
N J ST HOME DIS SOL MENLO	1	1	0	0	1	0	0	0
N J ST SCHOOL VINELAND	1	0	1	0	1	0	0	0
*TOTAL STATE INST	7	5	2	0	6	1	0	0

MILITARY COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
FORT DIX	5	2	3	0	3	2	0	0
FORT MONMOUTH	1	1	0	0	1	0	0	0
MCGUIRE AIR BASE FORT DIX	3	1	2	0	2	1	0	0
N J ST VETS ADM HOSP LYON	3	3	0	0	3	0	0	0
*TOTAL MILITARY	12	7	5	0	9	3	0	0

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Marriages/Divorces
1984

TAB-E

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

1984 MARRIAGES AND DIVORCES

INTRODUCTION

Marriage statistics provided in this report were tabulated from items reported on Marriage Certificates filed with the New Jersey State Registrar for calendar year 1984. Divorce data have been provided by the New Jersey Superior Court, Chancery Division. Both Marriages and Divorces are recorded by place of occurrence or judgment. Therefore, statistics presented refer to the number of events occurring within New Jersey irrespective of place of residence of the participants. To maintain confidentiality, individual identifiers were removed prior to the tabulation of the data. Rates published in this report for both Marriages and Divorces are based on the 1984 New Jersey Annual Estimates of Population released by the New Jersey Department of Labor.

STATISTICAL OVERVIEW

Number of Marriages

The number of marriage certificates issued in New Jersey during 1984 increased for the seventh consecutive year. This is the highest level recorded since the start of marriage statistical reporting, and surpassed the 1946 high, the year following the end of World War II; the level that year reached 61,020. The number of marriages for 1984 were recorded at the level of 62,654, an increase of 856 from 1983. This numeric gain was not enough to increase the rate of marriages per 1,000 population which remained at a level of 8.3. This rate is the highest marriage rate per 1,000 population attained since 1951 (when the level was 8.9 per 1,000 population). A low in the number of marriages and rate per 1,000 population was reached in 1977 but has been progressively increasing. The overall gain from the 1977 level was 23.6%.

The greatest number of marriages occurred in Essex County (7,591) with the lowest level recorded for Salem (426). Seven of the state's counties accounted for almost 60 percent of the marriages during 1983. These all recorded 4,000 or more and in descending order are Essex (7,591), Bergen (6,917), Hudson (5,184), Monmouth (4,407), Union (4,277) and Passaic (4,126). The rate of marriages per 1,000 population has increased over the 1977 to 1984 seven-year period over one (1.4) percentage point. During 1984 Cape May County recorded the highest marriage rate (9.6 per 1,000 population), followed by Atlantic (9.5 per 1,000 population). Ocean and Salem Counties had the lowest rates (6.8 and 6.5 per 1,000 respectively).

Previous Marital Status

Data on marital status showed the proportion previously married for both men and women has remained stable over the past three years. The increase in first marriages between 1983 and 1982 were 0.3 percent for men with a slight decrease (of 0.1 percent) for women. Sixty-two percent of all marriages were between persons marrying for the first time and 73.9 percent of all marriages were for women marrying for the first time. Divorced men represented 24.8 percent with divorced women 22.8 percent.

Age

The average age at time of marriage (regardless of previous marital status) was 28.4 years for women and 31.0 years for men (rising for both sexes women by almost two years). In 1983 the mean ages were 26.7 years for women and 29.5 years fo men.

The average age at time of first marriage was 27.1 years for men and 25.3 years for women. The number of women and men marrying before the age of 25 continues to decline. In 1984, 43.8 percent of women (27,470) married under age 25 compared to 46.3 percent of the women (28,597) in 1983, 48.6 percent (or 29,163 women) in 1982 and 51.2 percent (or 29,699 women) in 1981. The same pattern also applied to men marrying before the age of 25. Here a level of 29.4 percent (18,417) was observed in 1984; down two percent (or 787 instances) from the number in 1983 (19,204). In 1981 comparable figures were 35.8 percent or 20,793 males marrying before age 25. Teenage brides, likewise, continued their downward trend to a level of 4,997 compared to 5,485 and 5,862 in 1983 and 1982. Teenage brides comprised 8.0 percent of all brides in 1984 compared to 8.9 percent, 9.9 percent and 11.1 percent in 1983 through 1981, respectively.

DISSOLUTION OF MARRIAGE

Total Divorces

For every two marriages that took place during 1984, one was dissolved. There were 28,470 divorces and annulments during the 1984 calendar year. This was a total of 547 more than for the 1982-1983 court year.* The 1981-82 court year was the highest total on record with 30,322 divorces. The divorce rate decreased while the marriage rate increased over last year. The marriage dissolution rate, the number of dissolutions per 1,000 population, reached 4.1, an all-time high in 1982, and in 1983 and 1984 returned to the same rate experienced in 1981 (3.8 per 1,000 population). The occurrence of divorces almost paralleled that of marriages at the county level. While the order was slightly different, the top ranking seven counties were the same. These counties, Bergen, Essex, Middlesex, Monmouth, Hudson, Union and Camden counties accounted for over 50 percent of the dissolutions that took place.

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*Court Year: September 1, 1982 - August 31, 1983, divorce records tabulated based on calendar year from 1984 forward.

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TABLE-1
NEW JERSEY
ESTIMATED AVERAGE AGE AT MARRIAGE AND PREVIOUS MARITAL STATUS: 1970-1984

					Previous Marital Status					
	Marriages		Average Age		WOMEN			MEN		
Year	Number	Rate	WOMEN	MEN	Percent Single	Percent Widowed	Percent Divorced	Percent Single	Percent Widowed	Percent Divorced
1970	56,625	7.9	25.1	27.6	83.3	5.0	11.7	82.1	5.0	12.9
1971	56,531	7.8	25.4	27.9	82.5	4.9	12.6	81.1	5.1	13.8
1972	58,476	8.0	25.8	28.3	81.2	5.0	13.8	79.3	4.8	15.9
1973	59,723	8.1	25.8	28.3	80.1	4.7	15.2	78.2	4.6	17.2
1974	56,449	7.6	25.9	28.5	79.3	4.5	16.2	76.8	4.6	18.6
1975	53,008	7.2	26.1	28.8	78.0	4.5	17.5	75.4	4.7	19.9
1976	51,291	7.0	26.3	28.4	77.2	4.4	18.4	74.6	4.5	20.9
1977	50,677	6.9	26.4	29.1	76.8	4.1	19.1	73.9	4.3	21.8
1978	52,993	7.2	26.7	29.4	75.7	3.7	20.6	72.9	3.9	23.2
1979	54,740	7.5	26.3	29.1	75.4	4.1	20.5	72.4	4.2	23.5
1980	55,794	7.6	25.8	29.0	75.3	3.6	21.2	72.6	3.7	23.7
1981	58,010	7.8	26.7	29.3	74.4	3.3	22.0	71.9	3.5	24.4
1982	59,949	8.1	26.6	29.4	73.9	3.2	22.4	71.2	3.4	25.2
1983	61,798	8.3	26.7	29.5	74.0	3.0	22.7	71.5	3.2	25.1
1984	62,654	8.3	27.1	29.8	73.9	3.0	22.8	71.8	3.1	24.8

10/2/85

TABLE-2

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1984

PLACE OF MARRIAGE	Total	WOMEN				MEN				AVERAGE AGE	
		Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	62,654	46,309	1,897	14,300	148	44,979	1,948	15,565	162	27	30
ATLANTIC COUNTY	1,918	1,355	67	494	2	1,302	62	546	8	28	31
BERGEN COUNTY	6,917	5,222	192	1,478	25	5,022	212	1,656	27	28	30
BURLINGTON COUNTY	3,065	2,184	89	788	4	2,146	92	822	5	27	29
CAMDEN COUNTY	3,537	2,583	108	844	2	2,556	132	844	5	27	30
CAPE MAY COUNTY	852	570	36	245	1	569	38	241	4	28	31
CUMBERLAND COUNTY	1,034	726	38	269	1	703	31	299	1	26	29
ESSEX COUNTY	7,591	5,969	210	1,397	15	5,742	219	1,610	20	28	30
GLOUCESTER COUNTY	1,594	1,134	59	398	3	1,091	55	447	1	27	29
HUDSON COUNTY	5,184	3,974	126	1,073	11	3,869	110	1,194	11	27	30
HUNTERDON COUNTY	760	531	24	202	3	510	20	230	0	27	30
MERCER COUNTY	2,590	1,893	68	620	9	1,839	84	660	7	28	30
MIDDLESEX COUNTY	4,932	3,661	122	1,124	25	3,579	126	1,213	14	27	29
MONMOUTH COUNTY	4,407	3,202	127	1,065	13	3,066	151	1,172	18	27	30
MORRIS COUNTY	3,453	2,534	101	812	6	2,464	102	877	10	27	30
OCEAN COUNTY	2,532	1,705	154	669	4	1,674	151	704	3	28	31
PASSAIC COUNTY	4,126	3,105	130	883	8	3,047	112	959	8	27	30
SALEM COUNTY	426	306	7	113	0	294	12	119	1	26	29
SOMERSET COUNTY	1,749	1,278	39	428	4	1,221	53	471	4	27	30
SUSSEX COUNTY	873	570	38	262	3	564	30	279	0	27	31
UNION COUNTY	4,277	3,211	135	923	8	3,132	135	997	13	28	30
WARREN COUNTY	657	458	22	176	1	461	15	180	1	26	28
STATE INSTITUTIONS	9	7	1	1	0	7	0	2	0	30	31
MILITARY POSTS	171	131	4	36	0	121	6	43	1	26	28

Note: Average age is computed excluding State Institutions. 11/4/85

TABLE-3

MARRIAGES IN NEW JERSEY
BY PREVIOUS MARITAL STATUS OF HUSBAND, BY PREVIOUS MARITAL STATUS OF WIFE
1984

PREVIOUS MARITAL STATUS OF WIFE	TOTAL		PREVIOUS MARITAL STATUS OF HUSBAND							
			SINGLE		WIDOWED		DIVORCED		UNKNOWN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SINGLE	46309	73.91	38778	86.21	358	18.38	7072	45.44	101	62.35
WIDOWED	1897	3.03	357	.79	860	44.15	672	4.32	8	4.94
DIVORCED	14300	22.82	5777	12.84	728	37.37	7753	49.81	42	25.93
UNKNOWN	148	.24	67	.15	2	.10	68	.44	11	6.79
TOTAL	62654	100.00	44979	100.00	1948	100.00	15565	100.00	162	100.00

TABLE-4

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE
1984

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND																
		-15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
-15	13	0	0	2	0	1	5	4	0	0	0	1	0	0	0	0	0	0
15	57	0	2	0	3	7	10	27	6	2	0	0	0	0	0	0	0	0
16	254	0	1	7	9	46	42	108	31	7	1	1	1	0	0	0	0	0
17	564	0	0	4	15	81	106	293	48	13	3	0	0	1	0	0	0	0
18	1654	0	0	1	22	142	275	922	214	58	15	1	3	0	0	1	0	0
19	2455	0	0	1	12	85	235	1561	395	115	32	13	2	2	0	1	1	0
20-24	22473	0	0	0	12	112	306	11142	8215	1929	507	166	44	16	17	5	2	0
25-29	17263	0	0	2	1	18	44	2199	8631	4105	1480	529	163	57	18	12	4	0
30-34	7714	0	0	0	1	1	15	401	1684	2596	1644	820	348	128	45	24	7	0
35-39	4172	0	0	0	0	0	2	100	450	813	1102	838	471	233	105	44	14	0
40-44	2295	0	0	0	0	0	2	23	84	216	374	538	490	285	180	69	34	0
45-49	1385	0	0	0	0	0	0	4	22	59	99	206	320	285	222	125	43	0
50-54	857	0	0	0	0	0	0	3	4	10	23	57	108	206	221	136	89	0
55-59	565	0	0	0	0	0	0	0	0	4	3	18	34	84	150	128	144	0
60-64	425	0	0	0	0	0	0	0	0	0	2	1	5	22	62	131	202	0
65+	508	0	0	0	0	0	0	0	0	0	0	2	5	4	22	47	428	0
TOTAL	62654	0	3	17	75	493	1042	16787	19784	9927	5285	3191	1994	1323	1042	723	968	0

TABLE-5

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND AT FIRST MARRIAGE
BY AGE OF WIFE
1984

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND -15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
-15	12	0	0	2	0	1	5	4	0	0	0	0	0	0	0	0	0	0
15	56	0	2	0	3	7	10	27	5	2	0	0	0	0	0	0	0	0
16	250	0	1	7	9	46	42	107	30	5	1	1	1	0	0	0	0	0
17	541	0	0	4	15	81	106	287	40	7	1	0	0	0	0	0	0	0
18	1573	0	0	1	22	142	275	899	183	41	8	1	1	0	0	0	0	0
19	2294	0	0	1	12	84	234	1537	334	72	17	3	0	0	0	0	0	0
20-24	20137	0	0	0	12	112	306	10949	7372	1162	173	34	8	4	5	0	0	0
25-29	13225	0	0	2	1	18	44	2130	7749	2644	494	98	32	9	1	2	1	0
30-34	4174	0	0	0	1	1	15	384	1394	1532	596	168	56	16	7	3	1	0
35-39	1548	0	0	0	0	0	2	96	347	437	373	178	59	34	15	5	2	0
40-44	589	0	0	0	0	0	2	22	74	127	125	122	63	35	9	3	7	0
45-49	278	0	0	0	0	0	0	3	15	43	44	53	47	39	21	11	2	0
50-54	136	0	0	0	0	0	0	3	4	3	13	20	28	26	17	13	9	0
55-59	76	0	0	0	0	0	0	0	0	4	2	4	13	11	14	10	18	0
60-64	49	0	0	0	0	0	0	0	0	0	2	0	4	7	9	18	9	0
65+	41	0	0	0	0	0	0	0	0	0	0	2	3	3	7	8	18	0
TOTAL	44979	0	3	17	75	492	1041	16448	17547	6079	1849	684	315	184	105	73	67	0

TABLE-6

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE AT FIRST MARRIAGE
1984

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND -15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
-15	13	0	0	2	0	1	5	4	0	0	0	1	0	0	0	0	0	0
15	57	0	2	0	3	7	10	27	6	2	0	0	0	0	0	0	0	0
16	254	0	1	7	9	46	42	108	31	7	1	1	1	0	0	0	0	0
17	564	0	0	4	15	81	106	293	48	13	3	0	0	1	0	0	0	0
18	1647	0	0	1	22	142	274	918	213	57	15	1	3	0	0	1	0	0
19	2432	0	0	1	12	85	233	1550	389	113	31	13	2	2	0	0	1	0
20-24	21560	0	0	0	12	110	292	10833	7851	1780	449	154	41	14	17	5	2	0
25-29	13854	0	0	2	1	15	35	1727	7303	3173	1069	358	100	44	15	9	3	0
30-34	3865	0	0	0	0	0	9	180	884	1377	808	372	138	56	22	16	3	0
35-39	1184	0	0	0	0	0	0	38	135	231	316	217	128	67	29	16	7	0
40-44	428	0	0	0	0	0	1	7	17	46	66	103	74	59	32	11	12	0
45-49	220	0	0	0	0	0	0	1	3	9	17	36	49	39	28	29	9	0
50-54	95	0	0	0	0	0	0	0	0	1	4	7	15	22	17	14	15	0
55-59	64	0	0	0	0	0	0	0	0	0	1	6	2	10	10	14	21	0
60-64	38	0	0	0	0	0	0	0	0	0	0	0	1	4	6	8	19	0
65+	34	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	28	0
TOTAL	46309	0	3	17	74	487	1007	15686	16880	6809	2780	1270	554	319	176	127	120	0

TABLE-7
*DIVORCES IN NEW JERSEY: 1968-1984
By County of Origin

Year	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren	Total
1968	259	1005	308	649	78	236	979	191	542	72	420	672	610	197	235	546	86	234	40	603	58	7970
1969	282	1318	376	680	70	271	1090	228	661	91	443	796	558	334	267	508	91	241	72	715	76	9168
1970	284	1401	316	796	64	270	1169	230	674	73	565	883	647	450	325	564	105	227	62	831	68	10004
1971	376	1531	514	946	95	298	1484	295	782	127	619	1177	836	566	500	829	108	352	136	1148	128	12847
1972	405	1710	547	958	136	396	1825	332	878	188	830	1364	1123	852	635	926	142	520	163	955	132	15017
1973	585	2431	1078	1418	184	472	2505	485	1477	210	1208	1835	1548	1275	924	1377	181	475	232	1616	538	22054
1974	594	2193	896	1387	194	448	2314	535	1247	221	980	1602	1570	1037	843	1224	184	699	245	1313	254	19880
1975	646	2363	897	1254	178	442	2099	515	1356	259	1183	1582	1665	1281	959	1278	141	598	284	1243	252	20475
1976	753	2407	981	1287	227	443	2263	549	1314	236	1242	1692	1720	1234	968	1197	156	499	298	1279	245	20990
1977	546	1999	1088	1267	241	531	2158	493	1557	253	1005	1558	1377	909	1097	1169	198	659	318	1166	307	19894
1978	746	2370	1209	1473	292	527	2377	672	1826	298	1330	2066	1718	1473	1358	1519	198	717	424	1767	392	24752
1979	570	2530	1381	1596	220	491	2388	657	1601	271	1215	1961	1654	1445	1138	1427	193	769	360	1650	317	23934
1980	676	2734	1386	1635	265	547	2440	850	1846	378	1251	2377	1818	1371	1421	1482	259	849	383	1467	348	25783
1981	938	3104	1551	1906	320	421	2580	815	1931	435	1292	2426	1950	1580	1493	1571	219	691	437	1812	380	27852
1982	941	3124	1614	1792	352	567	2904	1028	2269	395	1304	2489	2319	1864	1599	1895	229	859	538	1852	388	30322
1983	945	2758	1404	1786	341	601	2909	754	1992	389	1233	2218	2078	1604	1404	1781	243	807	481	1800	395	27923
1984	910	2956	1429	1762	422	571	2611	728	2001	407	1074	2497	2158	1780	1613	1742	224	888	554	1792	351	28470

* Includes annulments. # Court Year: September 1 through August 31 1968-1983. Calendar year used starting with 1984.

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Municipality Gross Summary
1984

TAB-F

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DIVISION OF RESEARCH, POLICY AND PLANNING
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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

MUNICIPALITY VITAL STATISTICS SUMMARY

INTRODUCTION

Available vital statistics for Births, Deaths, and Marriages show various levels between New Jersey Counties and Municipalities. Annually, the New Jersey Department of Health has produced a County table with individual Municipality summaries of Marriages, Births and Deaths (infant, fetal, neonatal). The table has also carried the latest Population totals for each Municipality, released by the New Jersey Department of Labor, Office of Demographic and Economic Analysis.

The special County-Municipality tables were originally produced to provide Vital Statistics information to local Health Officers and various programs within the Department of Health. Increased requests have been received by researchers and the public to publish this information. Thus, this section presents the seven above-mentioned items, giving a table summarizing all county data and individual tables for each of the 21 counties and 567 municipalities in New Jersey. Crude birth or mortality rates have not been calculated at the municipality level, but are presented elsewhere in this report for the State and each of the 21 counties.

ESTIMATED POPULATION, MARRIAGES, BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND NEONATAL DEATHS BY COUNTIES: 1984

(Marriage data by place of occurrence, all other by place of residence)

NEW JERSEY

County	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Atlantic	200,896	1,918	2,984	2,392	38	47	22
Bergen	844,535	6,917	9,085	7,669	55	54	37
Burlington	377,726	3,065	4,831	2,677	46	71	31
Camden	485,064	3,537	7,805	4,312	92	97	68
Cape May	88,985	852	1,159	1,102	16	14	12
Cumberland	134,002	1,034	2,062	1,256	27	36	23
Essex	841,528	7,591	11,904	8,139	186	153	113
Gloucester	205,555	1,594	2,988	1,661	29	43	21
Hudson	558,613	5,184	8,278	5,826	108	97	74
Hunterdon	91,800	760	1,194	615	8	9	6
Mercer	314,654	2,590	4,375	2,791	46	53	33
Middlesex	617,757	4,932	7,927	4,690	73	67	56
Monmouth	522,529	4,407	6,669	5,032	74	54	53
Morris	417,137	3,453	5,074	2,934	40	37	30
Ocean	371,254	2,532	4,787	4,881	45	33	31
Passaic	457,675	4,126	6,739	4,176	70	67	45
Salem	65,688	426	868	600	16	14	11
Somerset	208,934	1,749	2,509	1,514	21	26	16
Sussex	118,892	873	1,832	802	15	8	12
Union	506,235	4,277	6,141	5,002	69	63	39
Warren	85,343	657	1,139	854	11	15	8
State Institutions		9	11	7	0	0	0
Military Posts		171	589	12	5	4	3
TOTAL	7,514,802	62,654	100,950	68,944	1,090	1,062	744

Note: Population used in this table from the "Population Estimates for New Jersey" issued by the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, September, 1985. Population not available for State Institutions and Military Posts.

ESTIMATED POPULATION, MARRIAGES, BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND NEONATAL DEATHS BY COUNTIES AND MUNICIPALITIES: 1984

(Marriage data by place of occurrence, all other by place of residence)

ATLANTIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Absecon City	7,232	77	158	83	1	6	0
Atlantic City	36,701	424	678	766	16	13	11
Brigantine City	9,213	60	97	93	1	0	0
Buena Boro	3,767	50	48	44	2	0	1
Buena Vista Twp.	7,246	68	80	29	1	0	0
Corbin City	242	5	5	1	0	1	0
Egg Harbor City	4,682	74	110	58	1	0	0
Egg Harbor Twp.	20,850	126	225	114	1	1	1
Estell Manor City	952	6	18	15	0	0	0
Folsom Boro	1,947	16	26	13	0	0	0
Galloway Twp.	16,422	163	134	68	2	0	1
Hamilton Twp.	11,154	76	270	111	1	2	0
Hammonton Town	12,331	141	201	118	0	3	0
Linwood City	6,273	86	75	55	1	1	0
Longport Boro	1,258	13	7	37	0	0	0
Margate City	9,109	133	74	132	1	1	1
Mullica Twp.	5,341	27	39	37	1	0	0
Northfield City	7,672	73	80	74	0	2	0
Pleasantville City	13,902	138	337	209	3	11	3
Port Republic City	886	8	11	6	0	0	0
Somers Point City	10,399	93	179	118	2	1	2
Ventnor City	12,003	56	110	190	4	3	2
Weymouth Twp.	1,314	5	22	21	0	2	0
Total	200,896	1,918	2,984	2,392	38	47	22

BERGEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allendale Boro	6,097	35	55	48	0	0	0
Alpine Boro	1,554	20	11	11	0	0	0
Bergenfield Boro	25,660	200	290	246	1	2	1
Bogota Boro	8,228	94	112	63	0	2	0
Carlstadt Boro	6,154	19	78	55	1	2	1
Cliffside Park Boro	21,021	155	233	239	2	1	1
Closter Boro	8,170	57	75	57	1	0	1
Cresskill Boro	7,682	187	57	78	0	0	0
Demarest Boro	4,977	37	25	32	0	0	0
Dumont Boro	18,167	97	195	189	1	0	1
East Rutherford Boro	7,788	117	82	70	0	1	0
Edgewater Boro	4,772	74	60	41	0	1	0
Elmwood Park Boro	18,331	57	199	180	0	2	0
Emerson Boro	7,621	85	66	82	0	1	0
Englewood City	23,675	224	303	249	2	3	2
Englewood Cliffs Boro	5,747	12	27	45	0	0	0
Fair Lawn Boro	31,478	228	287	342	3	0	2
Fairview Boro	10,498	119	129	118	0	2	0
Fort Lee Boro	33,101	157	394	322	3	0	0
Franklin Lakes Boro	9,525	53	87	54	0	0	0
Garfield City	26,870	196	381	355	2	2	2
Glen Rock Boro	11,350	67	128	100	1	1	1
Hackensack City	35,725	388	487	396	6	3	1
Harrington Park Boro	4,634	29	52	32	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Hasbrouck Heights Boro	11,928	153	118	127	1	0	0
Haworth Boro	3,452	28	33	31	1	0	1
Hillsdale Boro	10,370	63	125	69	2	1	1
Hohokus Boro	4,107	69	45	42	2	0	2
Leonia Boro	8,059	63	76	82	0	0	0
Little Ferry Boro	9,317	81	118	80	4	3	3
Lodi Boro	23,671	135	342	227	0	2	0
Lyndhurst Twp.	20,266	181	253	208	1	0	1
Mahwah Twp.	13,304	97	133	82	0	2	0
Maywood Boro	9,887	84	107	97	1	0	0
Midland Park Boro	7,327	79	92	61	0	0	0
Montvale Boro	7,547	35	69	40	0	1	0
Moonachie Boro	2,653	11	31	21	0	0	0
New Milford Boro	16,630	82	185	157	0	0	0
North Arlington Boro	16,384	138	160	192	1	3	1
North Vale Boro	5,048	32	36	35	0	0	0
Norwood Boro	4,497	56	45	29	0	1	0
Oakland Boro	13,179	84	128	78	0	0	0
Old Tappan Boro	4,309	50	42	24	1	0	1
Oradell Boro	8,524	82	79	67	0	0	0
Palisades Park Boro	13,682	99	149	148	3	1	2
Paramus Boro	26,370	232	202	215	1	3	1
Park Ridge Boro	8,362	92	102	55	1	0	1
Ramsey Boro	13,195	117	139	80	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Ridgefield Boro	10,143	96	82	92	0	1	0
Ridgefield Park Twp.	12,419	110	144	143	1	1	1
Ridgewood Village	25,128	270	261	181	1	5	1
River Edge Boro	10,842	86	109	108	1	1	1
River Vale Twp.	9,802	35	102	58	0	1	0
Rochelle Park Twp.	5,490	47	46	71	1	0	0
Rockleigh Boro	190	18	4	0	0	0	0
Rutherford Boro	18,770	164	192	192	1	2	1
Saddle Brook Twp.	13,902	38	133	135	0	0	0
Saddle River Boro	2,865	64	25	14	0	0	0
South Hackensack Twp.	2,209	17	25	8	0	0	0
Teaneck Twp.	38,981	185	420	322	4	1	4
Tenafly Boro	13,500	221	110	128	0	0	0
Teterboro Boro	22	0	1	1	0	0	0
Upper Saddle River Boro	8,011	106	45	41	0	1	0
Waldwick Boro	10,648	35	139	61	0	0	0
Wallington Boro	10,566	70	142	111	2	0	1
Washington Twp.	9,941	67	78	57	0	0	0
Westwood Boro	10,857	97	140	99	1	1	1
Wood-Ridge Boro	7,988	77	68	67	1	0	0
Woodcliff Lake Boro	5,588	103	59	29	0	0	0
Wyckoff Twp.	15,780	161	138	100	0	0	0
Total	844,535	6,917	9,085	7,669	55	54	37

BURLINGTON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bass River Twp.	1,395	9	19	11	0	2	0
Beverly City	2,916	73	68	37	1	0	1
Bordentown City	4,397	62	87	58	0	0	0
Bordentown Twp.	7,154	19	52	53	0	0	0
Burlington City	10,559	168	222	154	2	1	1
Burlington Twp.	11,598	68	141	70	0	2	0
Chesterfield Twp.	4,212	25	23	17	0	0	0
Cinnaminson Twp.	15,878	204	105	101	1	4	1
Delanco Twp.	3,677	20	55	50	1	0	0
Delran Twp.	14,605	49	166	83	0	0	0
Eastampton Twp.	3,870	23	48	15	0	1	0
Edgewater Park Twp.	9,311	27	139	54	1	0	1
Evesham Twp.	25,248	139	422	114	3	4	1
Fieldsboro Boro	609	6	8	5	0	0	0
Florence Twp.	9,238	81	150	95	1	1	1
Hainsport Twp.	3,378	42	46	37	1	0	1
Lumberton Twp.	5,253	41	91	31	0	1	0
Mansfield Twp.	2,579	28	24	28	1	0	1
Maple Shade Twp.	20,251	148	277	208	3	6	1
Medford Lakes Boro	4,964	303	50	26	1	1	1
Medford Twp.	19,377	148	209	141	2	2	0
Moorestown Twp.	15,751	177	135	153	1	3	0
Mount Holly Twp.	10,932	177	224	139	4	7	2
Mount Laurel Twp.	21,453	90	258	111	3	0	3

BURLINGTON COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
New Hanover Twp.	16,556	106	28	3	0	0	0
North Hanover Twp.	9,212	30	30	13	0	2	0
Palmyra Boro	7,271	49	108	69	0	1	0
Pemberton Boro	1,199	67	143	34	0	2	0
Pemberton Twp.	30,800	123	418	169	11	8	9
Riverside Twp.	8,072	91	118	94	0	1	0
Riverton Boro	3,002	58	39	38	0	0	0
Shamong Twp.	4,925	13	62	20	0	2	0
Southampton Twp.	8,979	45	120	166	0	3	0
Springfield Twp.	2,793	23	25	12	0	0	0
Tabernacle Twp.	6,794	30	85	21	0	0	0
Washington Twp.	806	7	9	2	0	0	0
Westampton Twp.	4,084	12	81	18	1	0	1
Willingboro Twp.	39,319	268	490	196	8	17	6
Woodland Twp.	2,023	3	18	7	0	0	0
Wrightstown Boro	3,286	13	38	24	0	0	0
Total	377,726	3,065	4,831	2,677	46	71	31

CAMDEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Audubon Boro	9,506	55	136	102	0	1	0
Audubon Park Boro	1,300	6	7	18	0	0	0
Barrington Boro	7,297	55	71	42	0	0	0
Bellmawr Boro	13,614	83	173	128	1	2	1
Berlin Boro	5,924	88	167	78	1	0	1
Berlin Twp.	5,481	20	42	40	1	1	1
Brooklawn Boro	2,103	15	25	28	0	0	0
Camden City	83,065	603	2,162	861	47	38	33
Cherry Hill Twp.	69,769	586	667	546	7	4	7
Chesilhurst Boro	1,645	4	26	11	0	0	0
Clementon Boro	5,841	43	178	86	3	0	2
Collingswood Boro	15,857	121	219	225	4	3	3
Gibbsboro Boro	2,523	33	35	31	0	0	0
Gloucester City	13,038	109	215	168	5	1	3
Gloucester Twp.	48,857	204	710	259	2	11	1
Haddon Heights Boro	8,284	103	101	94	0	1	0
Haddon Twp.	16,097	83	158	158	2	1	2
Haddonfield Boro	12,152	169	156	128	1	0	1
Hi-Nella Boro	1,254	6	23	6	1	0	1
Laurel Springs Boro	2,236	26	49	29	0	0	0
Lawnside Boro	3,053	18	31	37	0	1	0
Lindenwold Boro	18,498	123	373	91	1	10	1
Magnolia Boro	4,874	81	86	49	0	2	0
Merchantville Boro	3,982	128	47	53	0	1	0

CAMDEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Ephraim Boro	4,820	57	53	70	0	2	0
Oaklyn Boro	4,234	38	69	54	0	3	0
Pennsauken Twp.	34,456	215	495	340	2	4	1
Pine Hill Boro	9,114	48	167	84	3	1	3
Pine Valley Boro	27	1	0	0	0	0	0
Runnemede Boro	9,415	73	109	76	0	0	0
Somerdale Boro	5,909	70	102	60	0	4	0
Stratford Boro	7,797	36	94	75	2	2	2
Tavistock Boro	9	1	0	0	0	0	0
Voorhees Twp.	18,136	75	223	66	1	2	1
Waterford Twp.	9,255	52	196	59	1	0	1
Winslow Twp.	23,028	93	404	126	7	1	3
Woodlynne Boro	2,614	16	36	34	0	1	0
Total	485,064	3,537	7,805	4,312	92	97	68

CAPE MAY COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Avalon Boro	2,301	28	15	34	2	1	1
Cape May City	5,169	96	54	71	0	4	0
Cape May Point Boro	277	5	2	3	0	0	0
Dennis Twp.	4,478	39	70	45	1	0	0
Lower Twp.	18,816	112	266	201	4	1	3
Middle Twp.	12,517	129	179	147	3	2	3
North Wildwood City	4,863	20	60	86	1	0	1
Ocean City	15,011	146	165	219	1	3	1
Sea Isle City	2,923	37	48	25	0	0	0
Stone Harbor Boro	1,287	20	10	27	0	0	0
Upper Twp.	7,936	76	87	67	1	0	1
West Cape May Boro	1,233	6	13	10	0	2	0
West Wildwood Boro	402	3	5	5	0	0	0
Wildwood City	4,773	58	85	92	1	1	1
Wildwood Crest Boro	4,256	57	42	54	0	0	0
Woodbine Boro	2,743	20	58	16	2	0	1
Total	88,985	852	1,159	1,102	16	14	12

CUMBERLAND COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bridgeton City	18,700	234	397	220	7	5	7
Commercial Twp.	4,847	24	70	35	5	0	4
Deerfield Twp.	2,620	17	30	18	0	0	0
Downe Twp.	1,836	18	25	19	0	1	0
Fairfield Twp.	5,782	30	98	48	1	1	1
Greenwich Twp.	948	9	8	7	1	0	1
Hopewell Twp.	4,389	28	37	31	0	1	0
Lawrence Twp.	2,306	33	30	17	0	1	0
Maurice River Twp.	5,006	41	54	39	1	1	1
Millville City	25,226	197	428	314	5	13	3
Shiloh Boro	608	4	3	4	0	0	0
Stow Creek Twp.	1,425	3	13	8	0	0	0
Upper Deerfield Twp.	6,939	40	95	38	0	2	0
Vineland City	53,370	356	774	458	7	11	6
Total	134,002	1,034	2,062	1,256	27	36	23

ESSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Belleville Town	35,680	175	413	343	4	2	2
Bloomfield Town	47,557	271	538	547	3	7	2
Caldwell Boro	7,557	132	80	83	1	0	1
Cedar Grove Twp.	12,325	133	94	107	1	0	1
East Orange City	77,228	667	1,352	769	27	23	17
Essex Fells Boro	2,351	40	19	12	0	1	0
Fairfield Boro	8,236	61	63	41	0	0	0
Glen Ridge Boro	7,776	61	86	69	1	2	0
Irvington Town	62,513	406	1,005	659	18	14	9
Livingston Twp.	28,154	389	242	216	2	2	1
Maplewood Twp.	22,762	128	242	212	0	4	0
Millburn Twp.	19,423	274	154	179	1	1	0
Montclair Town	38,485	400	437	445	7	3	5
Newark City	318,098	2,673	5,486	2,927	102	82	62
North Caldwell Boro	6,126	41	49	28	0	0	0
Nutley Town	29,059	295	277	280	2	1	2
Orange City	31,472	371	519	340	6	4	3
Roseland Boro	5,384	65	48	46	0	1	0
South Orange Village	15,779	256	145	164	3	0	1
Verona Boro	13,981	193	133	150	2	2	1
West Caldwell Boro	11,349	29	104	82	1	0	1
West Orange Town	40,233	531	418	440	5	4	5
Total	841,528	7,591	11,904	8,139	186	153	113

GLOUCESTER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Clayton Boro	6,088	43	113	55	1	1	1
Deptford Twp.	23,965	133	288	118	0	4	0
East Greenwich Twp.	4,249	24	58	37	0	2	0
Elk Twp.	3,373	15	32	20	0	0	0
Franklin Twp.	13,500	78	175	85	0	1	0
Glassboro Boro	14,383	105	190	109	7	7	5
Greenwich Twp.	5,333	34	53	48	0	0	0
Harrison Twp.	3,656	53	67	40	0	1	0
Logan Twp.	3,439	9	51	10	0	0	0
Mantua Twp.	9,635	78	174	108	2	5	1
Monroe Twp.	22,461	127	356	191	4	2	4
National Park Boro	3,480	46	55	27	0	1	0
Newfield Boro	1,585	31	40	16	0	1	0
Paulsboro Boro	6,770	53	131	100	0	1	0
Pitman Boro	9,551	80	118	106	1	3	1
South Harrison Twp.	1,650	6	21	3	0	0	0
Swedesboro Boro	2,108	27	63	55	1	1	1
Washington Twp.	30,416	174	352	98	4	4	3
Wenonah Boro	2,252	30	35	47	1	1	0
West Deptford Twp.	18,097	226	200	105	2	3	2
Westville Boro	4,739	40	131	75	2	2	0
Woodbury City	10,266	141	232	163	4	3	3
Woodbury Heights	3,358	34	35	41	0	0	0
Woolwich Twp.	1,201	7	18	4	0	0	0
Total	205,555	1,594	2,988	1,661	29	43	21

HUDSON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bayonne City	63,731	511	716	867	3	3	2
East Newark Boro	1,905	69	37	18	1	2	1
Guttenberg Town	7,616	55	122	64	1	2	1
Harrison Town	12,492	53	184	130	0	4	0
Hoboken City	41,735	284	500	360	3	6	2
Jersey City	222,532	2,078	3,944	2,423	66	59	46
Kearny Town	35,348	245	480	361	4	2	3
North Bergen Twp.	47,219	307	560	547	3	7	1
Secaucus Town	14,990	123	157	150	2	1	1
Union City	56,559	745	916	442	15	10	10
Weehawken Twp.	13,324	151	164	123	1	0	1
West New York Town	41,162	563	498	341	9	1	6
Total	558,613	5,184	8,278	5,826	108	97	74

HUNTERDON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alexandria Twp.	2,989	9	50	5	0	0	0
Bethlehem Twp.	3,185	9	32	13	0	0	0
Bloomsbury Boro	862	19	14	8	0	0	0
Califon Boro	1,043	13	16	15	0	0	0
Clinton Town	1,942	17	22	15	0	1	0
Clinton Twp.	8,849	47	109	30	0	0	0
Delaware Twp.	3,863	45	56	17	0	0	0
East Amwell Twp.	3,593	20	52	26	1	0	1
Flemington Boro	4,343	100	86	66	0	0	0
Franklin Twp.	2,406	20	32	23	1	1	0
Frenchtown Boro	1,561	41	37	22	1	0	1
Glen Gardner Boro	944	7	29	18	1	1	1
Hampton Boro	1,726	11	32	16	0	0	0
High Bridge Boro	3,632	32	55	34	0	0	0
Holland Twp.	4,606	17	47	14	1	0	1
Kingwood Twp.	2,896	14	46	13	0	0	0
Lambertville City	3,981	41	62	52	0	1	0
Lebanon Boro	830	22	23	14	0	0	0
Lebanon Twp.	5,526	39	54	37	0	0	0
Milford Boro	1,388	24	17	15	0	0	0
Raritan Twp.	9,447	32	106	55	0	2	0
Readington Twp.	11,260	99	125	49	3	1	2
Stockton Boro	631	17	11	11	0	1	0
Tewksbury Twp.	4,192	26	29	17	0	1	0
Union Twp.	3,788	24	27	18	0	0	0
West Amwell Twp.	2,317	15	25	12	0	0	0
Total	91,800	760	1,194	615	8	9	6

MERCER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
East Windsor Twp.	22,263	63	285	91	3	1	2
Ewing Twp.	35,104	196	366	316	0	3	0
Hamilton Twp.	84,611	703	1,068	712	7	7	6
Hightstown Boro	4,500	91	79	76	1	1	1
Hopewell Boro	1,986	26	44	23	0	0	0
Hopewell Twp.	10,950	80	114	61	1	1	0
Lawrence Twp.	21,381	106	214	161	1	2	1
Pennington Boro	2,105	52	28	19	0	0	0
Princeton Boro	12,635	352	95	121	0	2	0
Princeton Twp.	14,098	85	100	43	0	1	0
Trenton City	92,204	771	1,853	1,096	33	34	23
Washington Twp.	3,524	20	36	39	0	1	0
West Windsor Twp.	9,293	45	93	33	0	0	0
Total	314,654	2,590	4,375	2,791	46	53	33

MIDDLESEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Carteret Boro	19,990	175	280	220	8	4	6
Cranbury Twp.	2,119	41	60	74	1	0	0
Dunellen Boro	6,444	96	82	69	2	1	1
East Brunswick Twp.	39,151	270	416	179	3	2	3
Edison Twp.	76,132	421	1,038	556	8	10	7
Helmetta Boro	988	9	11	8	0	0	0
Highland Park Boro	13,336	77	164	105	2	2	2
Jamesburg Boro	4,314	70	93	82	0	0	0
Metuchen Boro	13,314	208	197	153	1	1	0
Middlesex Boro	13,332	92	174	111	3	3	2
Milltown Boro	7,027	68	81	62	1	1	0
Monroe Twp.	18,161	43	133	116	0	0	0
New Brunswick City	40,485	840	583	299	8	10	7
North Brunswick Twp.	24,885	67	303	159	4	2	2
Old Bridge Twp.	54,249	363	569	305	3	6	2
Perth Amboy City	38,413	423	676	407	7	6	6
Piscataway Twp.	43,291	282	560	189	4	5	4
Plainsboro Twp.	8,784	40	148	18	0	0	0
Sayreville Boro	30,843	159	330	271	2	2	2
South Amboy City	8,016	108	185	117	2	2	2
South Brunswick Twp.	18,456	123	259	100	0	0	0
South Plainfield Boro	20,315	140	267	118	2	1	2
South River Boro	13,765	130	174	163	3	0	2
Spotswood Boro	8,622	72	107	72	1	3	1
Woodbridge Twp.	93,325	615	1,037	737	8	6	5
Total	617,757	4,932	7,927	4,690	73	67	56

MONMOUTH COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Aberdeen Twp.	18,480	66	243	125	3	3	1
Allenhurst Boro	909	4	11	12	0	1	0
Allentown Boro	1,953	22	40	14	1	0	1
Asbury Park City	16,587	225	372	322	11	6	5
Atlantic Highlands Boro	5,064	72	97	48	0	0	0
Avon-by-the-Sea Boro	2,329	41	26	34	1	0	1
Belmar Boro	6,504	57	59	113	1	0	1
Bradley Beach Boro	4,870	49	91	53	0	0	0
Brielle Boro	4,422	42	39	34	0	0	0
Colts Neck Twp.	7,944	80	66	33	0	1	0
Deal Boro	1,870	21	22	18	1	0	1
Eatontown Boro	13,023	74	183	106	3	4	2
Englishtown Boro	985	25	45	73	0	1	0
Fair Haven Boro	5,556	44	63	50	0	1	0
Farmingdale Boro	1,353	29	37	21	0	0	0
Freehold Boro	10,069	195	198	145	3	2	2
Freehold Twp.	19,892	96	171	116	0	4	0
Hazlet Twp.	23,016	114	266	177	4	0	4
Highlands Boro	5,191	39	75	64	2	1	2
Holmdel Twp.	9,009	122	52	51	0	2	0
Howell Twp.	28,367	167	423	181	6	2	3
Interlaken Boro	1,000	3	7	14	0	0	0
Keansburg Boro	10,548	132	231	121	1	1	1
Keyport Boro	7,373	105	103	118	1	3	1

MONMOUTH COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Little Silver Boro	5,462	15	78	50	0	0	0
Loch Arbour Village	361	2	2	2	0	0	0
Long Branch City	29,250	286	552	327	5	3	4
Manalapan Twp.	22,419	78	188	106	0	0	0
Manasquan Boro	5,312	83	62	99	1	1	1
Marlboro Twp.	22,260	68	242	99	1	0	0
Matawan Boro	8,644	102	156	101	2	0	2
Middletown Twp.	66,874	454	775	515	10	3	8
Millstone Twp.	4,114	18	36	34	2	0	2
Monmouth Beach Boro	3,520	29	36	21	1	0	0
Neptune City Boro	5,112	21	67	93	2	0	1
Neptune Twp.	28,966	158	348	356	2	3	1
Ocean Twp.	23,586	177	311	177	3	2	3
Oceanport Boro	6,214	31	46	40	0	1	0
Red Bank Boro	11,897	218	148	219	3	3	2
Roosevelt Boro	865	4	12	8	0	0	0
Rumson Boro	7,398	107	63	56	1	1	1
Sea Bright Boro	1,841	23	19	22	0	0	0
Sea Girt Boro	2,631	33	10	48	1	0	1
Shrewsbury Boro	2,911	96	32	35	0	0	0
Shrewsbury Twp.	1,069	1	13	10	0	0	0
South Belmar Boro	1,520	7	19	20	0	0	0
Spring Lake Boro	4,184	120	26	62	0	0	0
Spring Lake Heights Boro	5,324	38	53	91	0	0	0
Tinton Falls Boro	8,343	47	70	47	0	1	0
Union Beach Boro	6,373	90	99	82	0	1	0
Upper Freehold Twp.	2,808	34	36	28	0	0	0
Wall Twp.	19,473	175	192	177	1	3	1
West Long Branch Boro	7,484	68	58	64	1	0	1
Total	522,529	4,407	6,669	5,032	74	54	53

MORRIS COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Boonton Town	8,489	89	108	108	1	2	1
Boonton Twp.	3,367	20	43	48	1	2	1
Butler Boro	7,491	79	97	57	1	0	0
Chatham Boro	8,390	71	112	97	2	1	1
Chatham Twp.	8,864	48	53	66	0	0	0
Chester Boro	1,511	55	23	19	1	1	1
Chester Twp.	5,336	11	35	23	2	0	2
Denville Twp.	14,275	101	191	114	2	0	1
Dover Twp.	14,610	176	284	155	3	3	2
East Hanover Twp.	9,569	77	91	60	1	0	1
Florham Park Boro	10,430	72	79	73	0	2	0
Hanover Twp.	12,007	117	118	83	0	4	0
Harding Twp.	3,394	77	25	26	0	0	0
Jefferson Twp.	16,736	85	220	95	2	0	2
Kinnelon Boro	7,969	75	75	36	1	0	1
Lincoln Park Boro	8,979	87	118	80	0	1	0
Madison Boro	15,394	111	159	129	2	1	2
Mendham Boro	5,109	64	35	42	1	1	0
Mendham Twp.	4,548	18	22	25	0	1	0
Mine Hill Twp.	3,351	10	59	32	0	0	0
Montville Twp.	14,807	89	148	82	0	0	0
Morris Plains Boro	5,864	53	90	77	1	1	1
Morris Twp.	19,655	186	200	107	1	1	1
Morristown Town	16,839	322	241	221	3	1	2

MORRIS COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Arlington Boro	4,143	28	50	20	0	0	0
Mount Olive Twp.	19,435	94	372	95	3	5	3
Mountain Lakes Boro	4,171	120	20	22	0	0	0
Netcong Boro	3,523	62	74	27	1	0	0
Parsippany-Troy Hills Twp.	50,139	340	601	248	5	1	4
Passaic Twp.	7,449	61	92	53	0	0	0
Pequannock Twp.	13,710	127	122	100	2	3	2
Randolph Twp.	18,666	103	225	109	0	2	0
Riverdale Boro	2,496	9	33	17	0	0	0
Rockaway Boro	6,748	88	120	86	1	1	0
Rockaway Twp.	19,782	98	227	64	0	1	0
Roxbury Twp.	19,650	98	250	128	1	2	1
Victory Gardens Boro	1,197	1	18	6	1	0	0
Washington Twp.	13,372	72	157	56	1	0	1
Wharton Boro	5,672	59	87	48	0	0	0
Total	417,137	3,453	5,074	2,934	40	37	30

OCEAN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Barnegat Twp.	9,431	38	150	85	2	1	2
Barnegat Light Boro	663	13	16	18	0	0	0
Bay Head Boro	1,319	42	9	17	0	0	0
Beach Haven Boro	1,795	50	13	40	0	0	0
Beachwood Boro	8,051	17	135	70	1	1	0
Berkeley Twp.	27,378	97	178	398	1	2	1
Brick Twp.	57,693	356	762	574	7	4	3
Dover Twp.	68,347	608	852	932	8	4	6
Eagleswood Twp.	1,051	10	16	13	0	0	0
Harvey Cedars Boro	387	2	1	3	0	0	0
Island Heights Boro	1,641	37	19	20	0	1	0
Jackson Twp.	26,524	112	332	219	2	2	1
Lacey Twp.	15,795	95	208	181	6	2	5
Lakehurst Boro	3,058	40	77	113	0	0	0
Lakewood Twp.	39,311	323	862	647	6	8	4
Lavallette Boro	2,177	30	21	44	0	0	0
Little Egg Harbor Twp.	9,851	34	130	86	2	0	1
Long Beach Twp.	3,685	50	29	52	0	1	0
Manchester Twp.	31,787	44	141	606	2	0	2
Mantoloking Boro	451	6	4	12	0	0	0
Ocean Gate Boro	1,435	5	17	20	0	1	0
Ocean Twp.	3,885	36	60	56	0	0	0
Pine Beach Boro	1,798	1	27	18	0	2	0
Plumsted Twp.	4,830	34	70	30	0	0	0
Point Pleasant Beach Boro	5,461	86	35	64	2	1	2
Point Pleasant Boro	18,165	130	264	236	3	1	2
Seaside Heights Boro	2,012	23	49	21	0	0	0
Seaside Park Boro	1,838	28	24	32	0	0	0
Ship Bottom Boro	1,467	7	6	21	0	0	0
South Toms River Boro	3,955	22	61	32	2	0	2
Stafford Twp.	11,779	74	142	131	1	1	0
Surf City Boro	1,585	21	14	24	0	0	0
Tuckerton Boro	2,649	61	63	66	0	1	0
Total	371,254	2,532	4,787	4,881	45	33	31

PASSAIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bloomingdale Boro	7,991	42	98	58	0	1	0
Clifton City	75,810	504	746	858	3	7	2
Haledon Boro	6,733	109	99	95	0	0	0
Hawthorne Boro	18,564	122	234	190	0	2	0
Little Falls Twp.	12,144	86	89	111	1	0	1
North Haledon Boro	8,374	63	48	84	1	0	0
Passaic City	53,941	521	1,062	553	20	17	15
Paterson City	139,564	1,467	2,832	1,230	37	26	20
Pompton Lakes Boro	10,935	180	129	93	0	0	0
Prospect Park Boro	5,200	61	91	50	1	0	0
Ringwood Boro	13,098	172	175	75	0	3	0
Totowa Boro	11,404	119	78	130	1	0	1
Wanaque Boro	10,442	54	156	86	2	1	2
Wayne Twp.	48,156	413	418	338	4	4	4
West Milford Twp.	23,939	157	353	140	0	4	0
West Paterson Boro	11,380	56	131	85	0	2	0
Total	457,675	4,126	6,739	4,176	70	67	45

SALEM COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alloway Twp.	2,747	12	25	21	0	0	0
Carneys Point Twp.	8,542	59	96	75	0	1	0
Elmer Boro	1,588	18	40	33	1	2	1
Elsinboro Twp.	1,293	6	2	7	1	0	1
Lower Alloways Creek Twp.	1,601	8	13	9	0	0	0
Mannington Twp.	1,704	6	3	13	0	1	0
Oldmans Twp.	1,876	6	18	12	0	1	0
Penns Grove Boro	5,446	30	107	69	4	1	2
Pennsville Twp.	13,812	85	162	118	1	0	1
Pilesgrove Twp.	2,873	14	19	22	1	0	1
Pittsgrove Twp.	7,747	45	63	28	0	0	0
Quinton Twp.	2,893	28	16	22	0	1	0
Salem City	7,032	54	191	110	4	4	2
Upper Pittsgrove Twp.	3,243	15	37	16	0	1	0
Woodstown Boro	3,291	40	76	45	4	2	3
Total	65,688	426	868	600	16	14	11

SOMERSET COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bedminster Twp.	2,911	56	26	20	1	0	0
Bernards Twp.	13,330	112	100	89	0	2	0
Bernardsville Boro	6,801	83	52	45	0	0	0
Bound Brook Boro	9,574	140	154	111	1	1	1
Branchburg Twp.	8,282	17	82	46	0	1	0
Bridgewater Twp.	29,228	207	279	170	0	4	0
Far Hills Boro	694	7	8	9	1	0	1
Franklin Twp.	33,583	269	474	206	7	6	6
Green Brook Twp.	4,667	18	41	44	0	1	0
Hillsborough Twp.	21,220	89	299	89	4	2	4
Manville Boro	11,168	84	121	105	1	1	1
Millstone Boro	535	5	8	8	0	0	0
Montgomery Twp.	7,759	32	86	54	0	2	0
North Plainfield Boro	18,704	152	294	186	3	1	1
Peapack-Gladstone Boro	2,133	45	31	14	0	0	0
Raritan Boro	6,155	68	65	43	0	0	0
Rocky Hill Boro	724	10	7	6	0	0	0
Somerville Boro	11,929	142	172	125	3	3	2
South Bound Brook Boro	4,310	30	87	36	0	0	0
Warren Twp.	9,924	113	92	74	0	2	0
Watchung Boro	5,303	70	31	34	0	0	0
Total	208,934	1,749	2,509	1,514	21	26	16

SUSSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Andover Boro	858	3	24	25	0	0	0
Andover Twp.	4,650	62	58	58	1	0	1
Branchville Boro	845	13	13	19	0	0	0
Byram Twp.	7,635	41	124	27	0	0	0
Frankford Twp.	4,974	26	67	33	0	0	0
Franklin Boro	4,440	20	75	37	0	0	0
Fredon Twp.	2,340	17	29	11	0	0	0
Green Twp.	2,468	16	36	12	0	0	0
Hamburg Boro	1,824	23	29	23	0	0	0
Hampton Twp.	4,119	28	49	16	0	0	0
Hardyston Twp.	4,615	34	73	30	1	1	0
Hopatcong Boro	15,298	74	290	81	1	0	1
Lafayette Twp.	1,737	11	24	9	0	1	0
Montague Twp.	2,265	20	33	28	1	1	1
Newton Town	7,564	109	103	114	1	2	0
Ogdensburg Boro	2,671	14	46	11	0	0	0
Sandyston Twp.	1,553	11	18	8	0	0	0
Sparta Twp.	13,647	125	164	84	4	0	4
Stanhope Boro	3,749	45	41	20	0	1	0
Stillwater Twp.	4,027	22	70	26	1	0	1
Sussex Boro	2,396	53	86	25	1	1	0
Vernon Twp.	17,497	77	297	72	4	0	4
Walpack Twp.	115	1	1	2	0	0	0
Wantage Twp.	7,605	28	82	31	0	1	0
Total	118,892	873	1,832	802	15	8	12

UNION COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Berkeley Heights Twp.	12,571	78	109	82	1	2	0
Clark Twp.	16,462	171	132	147	1	0	1
Cranford Twp.	24,256	142	266	221	4	7	3
Elizabeth City	107,621	1,093	1,691	1,128	26	14	15
Fanwood Boro	7,707	23	104	49	1	1	1
Garwood Boro	4,700	58	43	50	0	0	0
Hillside Twp.	21,600	132	244	189	2	3	1
Kenilworth Boro	8,185	84	57	85	0	1	0
Linden City	37,474	235	419	403	2	3	2
Mountainside Boro	7,074	78	40	66	0	0	0
New Providence Boro	12,315	108	117	97	1	0	0
Plainfield City	46,221	419	819	371	12	13	7
Rahway City	26,599	219	348	291	4	5	3
Roselle Boro	20,668	146	265	221	3	3	1
Roselle Park Boro	13,309	91	145	114	1	0	0
Scotch Plains Twp.	21,443	234	245	164	4	3	2
Springfield Twp.	13,943	103	113	185	0	1	0
Summit City	20,987	227	197	219	3	3	1
Union Twp.	50,877	345	439	656	3	1	1
Westfield Town	30,497	286	330	244	1	2	1
Winfield Twp.	1,726	5	18	20	0	1	0
Total	506,235	4,277	6,141	5,002	69	63	39

WARREN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allamuchy Twp.	2,758	22	22	16	0	0	0
Alpha Boro	2,600	22	24	25	0	0	0
Belvidere Town	2,444	46	38	37	1	0	1
Blairstown Twp.	4,604	40	46	51	2	4	2
Franklin Twp.	2,349	11	27	18	0	0	0
Frelinghuysen Twp.	1,548	9	13	9	0	0	0
Greenwich Twp.	1,706	24	20	17	0	1	0
Hackettstown Town	8,978	91	140	118	1	1	0
Hardwick Twp.	1,027	3	15	8	0	1	0
Harmony Twp.	2,639	17	29	24	0	0	0
Hope Twp.	1,567	12	19	16	0	0	0
Independence Twp.	2,955	24	49	32	0	0	0
Knowlton Twp.	2,224	24	31	16	0	1	0
Liberty Twp.	1,783	0	27	4	0	0	0
Lopatcong Twp.	4,885	16	36	37	0	0	0
Mansfield Twp.	5,845	19	95	26	1	1	1
Oxford Twp.	1,649	14	16	20	0	1	0
Pahaquarry Twp.	26	3	0	0	0	0	0
Phillipsburg Town	16,364	134	233	233	3	3	2
Pohatcong Twp.	3,785	19	40	14	0	0	0
Washington Boro	6,418	76	138	82	1	0	1
Washington Twp.	4,270	18	48	44	2	2	1
White Twp.	2,919	13	33	7	0	0	0
Total	85,343	657	1,139	854	11	15	8
State Institutions		9	11	7	0	0	0
Military Posts		171	589	12	5	4	3
State Total	7,514,802	62,654	100,950	68,944	1,090	1,062	744

Note: Population used in this table from the "Population Estimates for New Jersey" issued by the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, September, 1985. Population not available for State Institutions and Military Posts. County population totals may not add due to rounding.

Fertility
1984

TAB-G

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Fertility
1984

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FERTILITY PATTERNS IN THE NATION AND NEW JERSEY

1984

THE AMERICAN WOMEN

The average number of lifetime births expected by young wives in the U.S. who were 18 to 24 years old in 1983 was 2,225 births per 1,000 wives and has remained essentially unchanged since 1975. From a longer time perspective, however, the average number of lifetime births expected by wives 18 to 24 years old has declined from 2.9 births per married women in 1967 to 2.1 births in 1980 and is currently at a level of 2.2 births per married women (in 1983).

It is not certain whether the recent stability in birth expectations is transitional and will lead to further decline in fertility or whether it indicates a new demographic trend in the United States. If the latter proved to be the case, the pattern of American fertility in future years will follow that of many Western European nations and Japan, namely, small fluctuations in fertility around the level needed for the natural replacement of the population (approximately 2.1 children per women).

From marriage data it is known that in recent years there has been an increasing tendency for women to delay their first marriage and first birth to older ages. Of those women who first married between 1965 and 1969, 69 percent married by age 21; this proportion declined to 60 percent for women who first married during the 1976-80 period. The median age at first marriage has risen for both sexes since 1965; in 1981 the median ages were 22.0 years for females and 23.9 years for males. In addition, 56 percent of all first births between 1965 and 1969 occurred to women 21 years older and under; this percentage dropped to 47 percent for women having their first birth between 1976 and 1980.

Further, the longer a woman postpones childbearing after her first marriage, the less likely she is to have any children at all. In 1982 20.4 percent of women ever married, between the ages 15 and 44, were childless compared to 18.8 percent in 1980. Most importantly, 57.4 percent of women ever married, ages 15-19, were childless in 1982 compared to 46.6 percent and 52.8 percent in 1980 and 1981, respectively.

These data show that the fertility rate for nonwhite women during the 1977-81 period was much higher than recorded for white women; about 86 births per 1,000 nonwhite women 15 to 44 years old compared with an average of only 64 births to 1,000 white women in 1981.

THE NEW JERSEY WOMEN

Since 1960 fertility patterns of New Jersey women of childbearing age have shown a double reversal of trend. The decade of the forties was the end of a long period of declining fertility. The fifties showed the fertility rates increasing steadily, reaching their highest levels. In 1960 we had 9.8% fewer women aged 20-24, for instance, than in 1950. However, the State had approximately 12,328 more births in this age group, a 45% increase in births.

For women 20 to 24 years of age, the changing fertility rates over the past 30 years has been dramatic. From the 1950 level of 151.1 the rate rose to reach a level of 240.6 by 1960. This represents an increase of nearly 90 per thousand. During the decade of the sixties the decline was as equally dramatic, dropping from the 240.6 per thousand level to 154.8 in 1970. This placed the rate back almost to the 1950 level. The 1970 to 1980 period showed a low of 67.0 per thousand for this age group of 20 to 24. The 1984 rate is 79.8 per thousand - down from 87.0 per thousand in 1980.

A review of all age groups shows that the change since 1960 is a reversal to lower fertility rates. The decline in fertility rates by individual age groups has ranged in 1960 from a rate of 34.8 for women 35 years and older to 58.3 for those under twenty. In 1980, the range was from 12.5 (35 years +) to 35.2 for those under 20. The rates for all ages are now below the 1970 rates, but in New Jersey the fertility rates for 1984 were up slightly over 1983 for women ages 25 and above.

New Jersey's trend in fertility rates compares with national statistics, with U.S. fertility rates of 65.4 per 1,000 women and 66.0 per 1,000 women in 1983 and 1984, respectively and fertility rates in New Jersey at 56.7 and 57.4 per 1,000 women for the same two years. New Jersey's lower fertility rates are attributable, in part, to the age structure of the female population.

The age-specific fertility rates for younger (ages 15 to 24) women in New Jersey have been declining over the period 1980 to 1983, while over that same time period the age-specific fertility rates for women aged 25 and over have been increasing. This trend has important positive socio-economic implications.

With the use of age-specific fertility rates it is possible to calculate "total fertility rate" (TFR) which summarizes the changes in fertility. The rate is computed by summing the age-specific rates for all childbearing ages and multiplying by the number of years in each age group used. In this case the age interval is five (5) representing five ages in each group. It can be interpreted as the number of children that would be born to a cohort of one-thousand women if, at all childbearing ages, they bore children at the age-specific rates observed in the reference year. Since, at present death rates and with a sex ratio at birth of 106 males per 100 females, it requires a little over 2,100 births per thousand females to replace themselves in the next generation, the total fertility rate gives us a measure of the fertility growth factor in the population. Thus, as the TFR exceeds 2,100 the next generation will have a larger childbearing population than the present and when the TFR declines below 2,100 for any extended period, the next childbearing generation will be smaller.

In 1950, the TFR for New Jersey was very close to replacement. By 1960 it had risen by 38.4 to 3,446 and by 1970 the drop of 30% brought the level to 2,408. Had that TFR continued, the childbearing population would have doubled in a single generation. The decline of the TFR during the sixties was greater than the rise in the fifties, and the single year decline between 1970/71 and 1971/72 shows the most rapid decline of any year for which we have detailed data. The TFR appears to have "bottomed out" in the late 1970's, as the number of births did earlier in the 1970's. In 1980, the 1,604 value was still 30.9% below replacement fertility level. By 1984, however the rate was once again on the rise to 1,635.

Further, the decline during the 1970-1978 appears to be in part a temporary phenomenon. It is probable that some of the observed decline during the same span represents both postponement of marriages and of births. Whether or not postponed births are ever realized depends on a number of factors associated with the economy, including employment opportunities for both men and women, cost of living, attitudes about family size, and availability of contraception and abortion. The increase in Marriages in the State (as reflected in the rising marriage rate since 1982), no doubt, will have a profound impact on births over the next few years.

UNITED STATES
BIRTHS AND FERTILITY RATE
1960-1984

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	4,257,850	23.7	
1961	4,268,326	23.3	
1962	4,167,362	22.4	
1963	4,098,020	21.7	
1964	4,027,490	21.1	
1965	3,760,358	19.4	
1966	3,606,274	18.4	
1967	3,520,959	17.8	87.8
1968	3,501,564	17.6	84.8
1969	3,600,206	17.9	86.5
1970	3,731,386	18.4	87.9
1971	3,555,970	17.2	81.8
1972	3,258,411	15.6	73.4
1973	3,136,965	14.9	69.2
1974	3,159,958	14.9	68.4
1975	3,144,198	14.8	66.7
1976	3,167,788	14.6	65.8
1977	3,326,632	15.1	67.8
1978	3,333,279	15.0	66.6
1979	3,494,398	15.6	68.5
1980	3,612,258	15.9	68.4
1981	3,646,000	15.8	67.6
1982	3,704,000	15.9	67.8
*1983	3,614,000	15.5	65.4
*1984	3,697,000	15.7	66.0

---

* Estimated

NEW JERSEY
BIRTHS AND FERTILITY RATE
1960-1984

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	132,594	21.8	
1961	135,320	21.7	
1962	131,603	20.7	
1963	132,606	20.4	
1964	131,593	19.9	
1965	125,104	18.6	
1966	120,116	17.6	82.3
1967	116,091	16.8	79.6
1968	114,101	16.3	76.8
1969	117,232	16.5	
1970	120,168	16.7	81.2
1971	111,376	15.3	74.0
1972	99,050	13.5	65.1
1973	94,024	12.8	61.6
1974	94,242	12.7	61.6
1975	91,457	12.4	56.6
1976	90,549	12.3	55.2
1977	93,786	12.7	58.9
1978	93,356	12.8	58.6
1979	95,672	13.0	60.2
1980	96,438	13.1	57.4
1981	96,205	13.1	56.8
1982	98,225	13.3	57.5
1983	98,746	13.3	56.7
1984	100,950	13.4	57.4

TABLE-3
NEW JERSEY
NUMBER OF BIRTHS TO WOMEN 15-44 YEARS
1960-1984

Age Group	1960	1970	1980	1981	1982	1983	1984
15-19	11,496	15,031	11,595	10,852	11,063	10,607	10,018
20-24	39,704	41,386	27,233	26,290	26,217	25,388	24.991
25-29	38,265	37,576	32,122	32,425	32,554	33,417	34,416
30-34	26,400	16,767	19,451	20,489	21,286	21,618	23,129
35-39	13,470	7,137	4,990	5,126	6,008	6,581	7,129
40-44	2,985	1,864	711	702	805	814	944
TOTAL	132,320	119,761	96,102	95,884	97,933	98,425	100,627

TABLE-4
NEW JERSEY
FEMALE POPULATION 15-44
1960-1984

Age Group	1960	1970	1980	1981	1982	1983	1984
15-19	197,111	301,577	329,515	332,026	332,786	299,403	293,952
20-24	165,030	267,339	312,973	315,361	316,083	314,560	313,090
25-29	187,416	241,637	295,287	297,540	298,221	313,221	315,888
30-34	224,251	208,817	293,484	295,723	296,400	304,188	308,691
35-39	243,797	213,618	249,592	251,496	252,072	275,914	281,813
40-44	229,063	239,560	206,609	208,185	208,662	229,954	239,872
TOTAL	1,246,668	1,472,548	1,687,460	1,700,331	1,704,224	1,737,240	1,753,306

TABLE-5
NEW JERSEY
TOTAL FERTILITY RATE
AGE-SPECIFIC
1960-1984

Age Group	1960	1970	1980	1981	1982	1983	1984
15-19	58.3	49.8	35.2	32.7	33.2	35.4	34.1
20-24	240.6	154.8	87.0	83.4	82.9	80.7	79.8
25-29	204.2	155.5	108.8	109.0	109.2	106.7	109.0
30-34	117.7	80.3	66.3	69.3	71.8	71.1	74.9
35-39	55.3	33.4	20.0	20.4	23.8	23.9	25.3
40-44	13.0	7.8	3.4	3.4	3.9	3.5	3.9
Tot. Fer. Rate	3,446	2,408	1,604	1,591	1,624	1,007	1,635

Abortions
1984

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Abortions
1984

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INDUCED ABORTIONS 1984

INTRODUCTION

The Department collects data on induced abortions performed in all licensed abortion facilities in the State. Abortions performed in hospitals and licensed outpatient abortion facilities must be reported to the Department within 10 days after the close of the month the procedure was performed. Forms are provided by the Department and are processed monthly. A yearly summary report is compiled. The form is designed to provide data which can serve as a basic resource for health professional decisions relating to abortions, in planning abortion services and in providing family planning services. Data collected include information on age, marital status, municipality of residence, race, prior number of pregnancies and prior live births. Clinical information is limited to gestation period at termination and method of termination. Patients' names are never reported to the Department; therefore confidentiality is retained.

This report includes a narrative summary which presents related clinical information and demographic characteristics of the women represented in the 1984 data collection. Tables are included to illustrate these summary data. The statistics presented in this report are for induced abortions occurring only in licensed New Jersey health care facilities. Data can be obtained for residents obtaining abortions in other states from the National Center for Disease Control, Atlanta, Georgia.

OVERVIEW

Selected Characteristics

The number of induced abortions reported to be performed in New Jersey was 31,236 in 1984 compared to 24,722 in 1983 and 30,269 in 1982. The percent increase from 1983 to 1984 was 26.4; quite a contrast compared to the decline from 1982 to 1983 of 18.3 percent. In 1984, women who obtained an induced abortion in New Jersey were predominently state residents (97.4%). Those who sought abortions within New Jersey from out-of-state had a significantly higher ratio of abortions to live births (449 per 1,000 live births) compared to 315 per 1,000 live births for New Jersey residents. The majority of women were Caucasian (51.1%) followed by 35.3 percent for Blacks. The average age among women receiving induced abortions in 1983 was 24.6 years compared to 24.4 years in 1984. Most of the women (75.5%) were unmarried, less than 25 years of age (60.1%) and childless (53.1%). The majority of abortions (83.5%) were first trimester procedures by sharp or suction curettage (99.4% of first trimester cases and 95.9% of all cases). A licensed out-patient abortion clinic, as in previous years, was the primary setting used and in 1984 accounted for nearly two-thirds (66.0%) of all abortions performed and 66.5 percent of the first trimester procedures.

Age

More than one-third (34.8%) of all the 1984 abortions were performed on women in the 20 to 24 age group. Nearly one-fourth (24.8%) of the women were between 15 to 19 and 20.8% were 25 to 29. The under 15 and over 44 age groups accounted for slightly less than 1.3% of the 31,236 reported abortions. Conversely, the induced abortion ratio for both extremes of the age spectrum were notably higher than the ratios for the middle ranges. There were 1,431 abortions per 1,000 live births for women in the "under 15" age category (up from 1,138 abortions per 1,000 live births for women under age 15 in 1983: a 25.7% increase) and 1,346 induced abortions for women over the age of 44. The two lowest abortion to live birth ratios were associated with the 30 to 34 age group (151) and the 25 to 29 year olds (194), showing an increase over respective ratios for 1983 (132 and 156). The 1984 abortion ratio for New Jersey women was 315 induced abortions per 1,000 live births, an increase of 23.0% from the ratio for 1983 (257), bringing the 1984 ratio in line with the 1982 ratio (of 316). (One abortion reported for every 3.2 live births).

The abortion ratio is defined as the number of women obtaining legal abortions divided by the number of women giving birth in the population in the same year with the same given demographic characteristics (such as residence, age, race, marital status, or number of previous live births) times 1,000. The purpose of this ratio is to try to locate where in the life cycle with respect to either age or previous number of live births for example, women are more likely to receive an induced abortion than at other points in the lifecycle.

Race

The women reported having induced abortions in 1984 were self-reported as white (51.1%), 47.7% as nonwhites and 1.2% as unknown. These percentages closely approximate those for previous years. There has been a gradual decline, however, in percentages of whites with a gradual gain in relative numbers of nonwhites who have obtained induced abortions. In 1979, the percentages of white women equaled 64.4%; dropping to 60.4% in 1980, 58.9% in 1981, 54.2% in 1982 and 53.2% in 1983. Women who indicated race as black increased from 26.2% in 1980 to 35.3% for 1984.

The ratio of induced abortions to live births decreased between 1982 and 1983 for both whites and nonwhites and increased between 1983 and 1984. For white women, the ratio declined from 219 to 174 between 1982 and 1983, and then rose to 207 in 1984. The same ratio fluctuated for black females moving from 518 to 445 and then 592 induced abortions per 1,000 live births over the years 1982, 1983 and 1984.

Marital Status

Unmarried women represented 75.5 percent of the total induced abortions in 1984. The two age categories which accounted for slightly over one-half, were unmarried women aged 15-19 (23.6%) and unmarried women aged 20-24 (29.1%). Married women who received abortions exceeded those for unmarried women in all age groups after 29. There were 23.1 percent more married women than unmarried women who were over 29.

Prior Number of Live Births

Abortion data reported for 1984 indicated the majority (53.1%) of women had never given birth at the time of pregnancy termination. Just over one-fifth (22.0%) of the women indicated having one previous live birth, with 16.0 percent having two previous live births. Fewer than one in ten (8.7%) were listed with three or more.

The lowest induced abortions per 1,000 live birth ratio (211) was computed for women who had one previous live birth. Women with three previous live births had the highest ratio of abortions to live births (388 per 1,000) with women having no, two or four previous births very similar (377, 357 and 346 respectively).

Place of Residence

The majority of women (97.4%) who elected to have an abortion in New Jersey were in-state residents. Essex was the most frequent place of residence (25.6%) with the lowest (0.1%) recorded in Salem County. More than one-half of 1984 abortions were obtained by women who indicated Essex (25.6%), Hudson (11.9%), Bergen (9.2%), or Passaic (8.2%) as counties of residence. Correspondingly these areas rank as the four most heavily populated counties in New Jersey. Middlesex County experienced the greatest increase in number of abortions performed (an increase of 1,139 cases or 128.7%). Somerset County experienced the greatest percent increase (131.5% or 239 cases).

For the 1984 reporting period, women originated from twenty one states and several foreign countries were represented. The border states of Pennsylvania and New York were most frequently recorded by out-of-state women. Pennsylvania accounted for 44.0 percent (350) of all nonresident abortions while New York represented 48.6 percent (386) of the total.

Type of Procedure

The types of procedure most frequently reported were suction (65.6%) or sharp curettage (30.2%). These two procedures accounted for nearly all (99.4%) reported first trimester abortions and 98.0 percent of the procedures performed during the 13th to 15th week of pregnancy. Saline instillations represented 3.3 percent of all reported induced abortion procedures. The drug Prostaglandin was administered in 1.4 percent of the late second trimester abortions down from 2.0% in 1983, 3.6% in 1982 and 8.0% in 1981. Suction curettage was used in 26.7 percent of the cases beyond 15 weeks compared to 13.9 percent in 1983 and 1.3 percent in 1982. Ratios for saline instillations (32.6%) and sharp/suction curettage (65.7%) performed during the 16th to 20th week of gestation are not as close as they were in 1983 (42.3% and 55.1% respectively) representing a takeover of sharp/suction curettage which was 44.6% of this category in 1982 with saline 51.0% in 1982. It should be noted the categorization of 16 to 20 week gestation includes two relatively distinct stages of pregnancy requiring different abortion procedures.

Weeks of Gestation

Of the 31,236 reported 1984 induced abortions, 83.5 percent were completed during the first trimester pregnancy. This represents a decrease of 1.4 percent from 1983. The proportion of abortions performed during the 13th to 20th weeks increased slightly over the 14.2 for 1983 to 16.5 percent in 1984. Four hundred twenty-seven women (1.4%) underwent a late second trimester abortion (over 20 weeks) relative to 0.8 percent reported for 1983.

More than one-third (35.1%) of all first trimester abortions were performed on women in the 20 to 24 age group. Percentages were nearly equal for the 15-19 (22.4%) and women 25-29 groups (21.9%). Women who terminated pregnancy in the 13th to 20th week of gestation were most frequently between 15-19 (37.7%), and one-third (33.7%) were in the 20-24 range. Of the women estimated to be more than 20 weeks pregnant at the time of the reported abortion, 36.3 percent were in the group 15-19 and 30.4 percent 20-24. The same figures for 1983 were 39.8 percent and 29.1, respectively. There were three women between the ages of 40 and 44 represented in the over 20 weeks gestation classification, and only 12.7% were between the ages of 30 and 44 years.

Type of Facility

The 1984 data on induced abortions were collected from hospitals and licensed outpatient abortion facilities. The percentage of abortions performed in hospitals has increased steadily from 1979 to 1981 and then stabilized throughout 1983, with a decline observed between 1983 and 1984. In 1979, 28.6 percent were performed in a hospital setting, 32.6 percent in 1980, 38.1 percent in 1981, 36.0 percent in 1982, 37.9 percent in 1983, and 34.0 percent in 1984. Outpatient facilities accounted for 66.0 percent of 31,236 reported abortions in 1984. Most (83.5%) of the 13 to 15 week pregnancy terminations were completed in a licensed outpatient facility, as well as 66.5 percent of all reported first trimester abortions. All (with the exception of one) pregnancy terminations performed after 20 weeks and 42.1 percent of those completed during the 16th to 20th week were reported by hospitals. In contrast in 1983, 51.7 percent of those abortions performed during the 16th to 20th week were performed in hospitals. Of all single women who had an abortion in 1984 two-thirds (68.3%) went to clinics. Married women were more likely to use an outpatient facility in 1984: 61.6% of married women had procedures in outpatient facilities compared to 58.0% in 1983.

Number of Previous Abortions

Information submitted indicated most women (57.0%) had never undergone a previously induced pregnancy termination. Approximately one-fourth (27.3%) of the women had obtained one prior abortion, and in 1984, for 15.3% two or more previous abortions were reported. A comparison with 1983 shows a similar likelihood to present for first abortion (57.0% first trimester in 1984 compared to 56.7 percent in 1983), indicating that recidivism is not increasing.

ABORTION REPORTING GUIDELINES

The Department of Health in cooperation with the State Board of Medical Examiners, the New Jersey Obstetrical and Gynecological Society, and the Medical Society of New Jersey have adopted the following guidelines (applicable to abortion data) which were made necessary by the United States Supreme Court's decision regarding abortion:

1. Only persons licensed as physicians are permitted to perform abortions.
2. First Trimester abortions (on or before 12th week of pregnancy) may be performed only by qualified physicians in their private offices (if the patients medical condition permits) or in licensed health care facilities (i.e., hospitals or out-patient abortion clinics).
3. Beyond the first 12 weeks and within a period of gestation not exceeding 16 menstrual weeks and/or 14 gestation weeks (size as determined by a physician) termination of pregnancy using the dilation and evaluation procedure can be performed either in a licensed hospital or out-patient abortion clinic; if any other method of abortion is utilized to terminate a pregnancy during this time it must be performed in a licensed hospital on an inpatient basis.
4. Termination of a pregnancy after the 16th menstrual or 14th gestation week will only be performed in a licensed hospital on an inpatient basis.
5. Third trimester abortions are allowed only to preserve the life or health of the mother, or where it has been determined late in pregnancy that there is a nonviable or deformed fetus incapable of extrauterine survival.

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Abortions

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TABLE 1

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1984

	ABORTIONS	PERCENT	RATIO*
RESIDENCE			
NEW JERSEY	30408	97.35	315
OUT-OF-STATE	797	2.55	449
UNKNOWN	31	0.10	0
AGE			
< 15	395	1.26	1431
15-19	7773	24.88	780
20-24	10882	34.84	441
25-29	6500	20.81	194
30-34	3368	10.78	151
35-39	1778	5.69	262
40-44	497	1.59	562
> 44	35	0.11	1346
UNKNOWN	8	0.03	444
RACE			
WHITE	15951	51.07	207
BLACK	11026	35.30	592
OTHER	3888	12.45	1578
UNKNOWN	371	1.19	2558
MARITAL STATUS			
MARRIED	7268	23.27	95
UNMARRIED	23567	75.45	1060
UNKNOWN	401	1.28	8531
NUMBER OF LIVE BIRTHS			
NONE	16594	53.12	377
ONE	6869	21.99	211
TWO	4997	16.00	351
THREE	1846	5.91	388
FOUR	552	1.77	346
> FOUR	308	0.99	268
UNKNOWN	70	0.22	648
TOTAL	31236	100.00	318

*PER 1,000 LIVE BIRTHS

TABLE 1 (Cont'd)

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1984

	ABORTIONS	PERCENT
TYPE OF PROCEDURE		
SHARP CURETTAGE	9446	30.24
SUCTION CURETTAGE (D&C)	20499	65.63
HYSTERECTOMY	2	0.01
HYSTEROTOMY	1	0.00
SALINE INSTILLATION	1041	3.33
PROSTAGLANDIN INSTILLATION	62	0.20
OTHER	54	0.17
UNKNOWN	131	0.42
WEEKS OF GESTATION		
< 9	16058	51.41
9-10	6932	22.19
11-12	3086	9.88
13-15	2109	6.75
16-20	2624	8.40
> 20	427	1.37
UNKNOWN	0	0.0
TYPE OF FACILITY		
HOSPITALS	10627	34.02
CLINICS	20609	65.98
NUMBER OF PREVIOUS ABORTIONS		
NONE	17817	57.04
ONE	8537	27.33
TWO	3289	10.53
THREE	982	3.14
> THREE	521	1.67
UNKNOWN	90	0.29
TOTAL	31236	100.00

TABLE 2

ABORTIONS BY COUNTY OF RESIDENCE, RACE, AND AGE
1984

COUNTY OF RESIDENCE	TOTAL	RACE WHITE	BLACK	OTHER	UNKNOWN	AGE ≤ 15	15-19	20-24	25-29	30-34	35-39	40-44	≥ 44	UNKNOWN
ATLANTIC	1097	782	243	72	0	10	261	406	255	116	37	11	1	0
BERGEN	2865	2160	426	273	6	17	642	902	662	353	215	69	5	0
BURLINGTON	289	189	82	14	4	4	58	95	64	43	19	5	1	0
CAMDEN	362	217	121	22	2	5	85	112	73	45	39	3	0	0
CAPE MAY	403	340	45	17	1	5	110	142	76	37	24	8	0	1
CUMBERLAND	456	320	82	54	0	5	141	160	77	45	23	5	0	0
ESSEX	7980	1544	5538	854	44	163	2105	2860	1629	771	350	90	11	1
GLOUCESTER	166	138	24	2	2	1	49	58	32	17	8	1	0	0
HUDSON	3721	1978	848	883	12	37	728	1237	878	515	243	81	2	0
HUNTERDON	159	137	6	6	10	0	36	69	28	14	7	5	0	0
MERCER	982	410	462	102	8	18	284	360	161	100	46	12	1	0
MIDDLESEX	2024	1339	383	258	44	23	499	680	392	247	146	33	3	1
MONMOUTH	2275	1594	558	115	8	19	761	830	398	160	79	27	1	0
MORRIS	1000	797	105	79	19	14	216	334	205	139	67	22	3	0
OCEAN	604	521	49	30	4	6	150	208	137	48	43	12	0	0
PASSAIC	2569	940	908	714	7	28	595	969	548	253	135	37	2	2
SALEM	37	29	7	1	0	0	12	12	7	5	1	0	0	0
SOMERSET	845	447	281	43	74	10	203	294	182	92	51	10	2	1
SUSSEX	363	343	9	5	6	3	113	101	75	37	28	6	0	0
UNION	1999	840	770	280	109	19	454	683	439	214	141	45	3	1
WARREN	212	199	8	1	4	1	66	69	41	15	18	2	0	0
OUT-OF-STATE	795	663	66	60	6	6	197	291	138	97	54	12	0	0
FOREIGN	2	1	1	0	0	0	0	1	0	0	0	1	0	0
UNKNOWN	31	23	4	3	1	1	8	9	3	5	4	0	0	1
TOTAL	31236	15951	11026	3888	371	395	7773	10882	6530	3368	1778	497	35	8

TABLE 3

ABORTIONS BY PERCENT DISTRIBUTION
AGE, RACE, MARITAL STATUS, GESTATION AND TYPE OF FACILITY
1984

	TOTAL	PERCENT	HOSPITAL		CLINIC	
			NUMBER	PERCENT	NUMBER	PERCENT
AGE						
< 15	395	1.26	169	1.59	226	1.10
15-19	7773	24.88	2217	20.86	5556	26.96
20-24	10882	34.84	3449	32.46	7433	36.07
25-29	6500	20.81	2380	22.40	4120	19.99
30-34	3368	10.78	1378	12.97	1990	9.66
35-39	1778	5.69	791	7.44	987	4.79
40-44	497	1.59	218	2.05	279	1.35
> 44	35	0.11	21	0.20	14	0.07
UNKNOWN	8	0.03	4	0.04	4	0.02
RACE						
WHITE	15951	51.07	3088	29.06	12863	62.41
BLACK	11026	35.30	5859	55.13	5167	25.07
OTHER	3888	12.45	1375	12.94	2513	12.19
UNKNOWN	371	1.19	305	2.87	66	0.32
MARITAL STATUS						
MARRIED	7268	23.27	2789	26.24	4479	21.73
UNMARRIED	23567	75.45	7474	70.33	16093	78.09
UNKNOWN	401	1.28	364	3.43	37	0.18
GESTATION						
< 9	16058	51.41	5707	53.70	10351	50.23
9-10	6932	22.19	2238	21.06	4694	22.78
11-12	3086	9.88	803	7.56	2283	11.08
13-15	2109	6.75	349	3.28	1760	8.54
16-20	2624	8.40	1104	10.39	1520	7.38
> 20	427	1.37	426	4.01	1	0.00
UNKNOWN	0	0.0	0	0.0	0	0.0
TOTAL	31236	100.00	10627	100.00	20609	100.00

TABLE 4

ABORTIONS BY AGE, RACE, PRIMARY PROCEDURE, AND LENGTH OF GESTATION
1984

		WEEK OF GESTATION						
	TOTAL	< 9	9-10	11-12	13-15	16-20	> 20	UNKNOWN
AGE								
< 15	395	155	71	47	37	64	21	0
15-19	7773	3241	1737	858	715	1067	155	0
20-24	10882	5548	2503	1107	731	863	130	0
25-29	6510	3657	1433	614	363	366	67	0
30-34	3368	2028	726	275	162	148	29	0
35-39	1778	1086	361	137	80	92	22	0
40-44	497	316	96	41	20	21	3	0
> 44	35	23	4	4	1	3	0	0
UNKNOWN	8	4	1	3	0	0	0	0
RACE								
WHITE	15951	8491	3462	1566	1101	1223	108	0
BLACK	11026	5005	2558	1166	816	1192	289	0
OTHER	3838	2333	816	324	181	205	29	0
UNKNOWN	371	229	96	30	11	4	1	0
PRIMARY PROCEDURE								
SHARP CURETTAGE	9446	4369	2051	1055	803	1141	27	0
SUCTION CURETTAGE	20499	11590	4828	2002	1264	584	231	0
HYSTERECTOMY	2	1	1	0	0	0	0	0
HYSTERCTOMY	1	0	0	0	0	0	1	0
SALINE INSTILLATI	1041	4	1	1	16	857	162	0
PROSTAGLANDIN INS	62	2	8	3	8	35	6	0
OTHER	54	18	15	9	8	4	0	0
UNKNOWN	131	74	28	16	10	3	0	0
TOTAL	31236	16058	6932	3086	2109	2624	427	0

TABLE 5

ABORTIONS BY PERCENT DISTRIBUTION RACE, MARITAL STATUS, AND AGE 1984

		TOTAL	< 15 NO. %	15-19 NO. %	20-24 NO. %	25-29 NO. %	30-34 NO. %	35-39 NO. %	40-44 NO. %	> 44 NO. %	UNKNOWN NO. %
RACE	WHITE	15951	82 0.26	3999 12.80	5536 17.72	3298 10.56	1715 5.49	1021 3.27	281 0.90	17 0.05	2 0.01
	BLACK	11026	283 0.91	3005 9.62	3995 12.79	2223 7.12	998 3.20	409 1.31	97 0.31	13 0.04	3 0.01
	OTHER	3888	26 0.08	712 2.28	1273 4.08	900 2.88	585 1.87	290 0.93	96 0.31	4 0.01	2 0.01
	UNKNOWN	371	4 0.01	57 0.18	78 0.25	79 0.25	70 0.22	58 0.19	23 0.07	1 0.00	1 0.00
MARITAL STATUS	MARRIED	7268	0 0.0	295 0.94	1668 5.34	2213 7.08	1676 5.37	1066 3.41	324 1.04	25 0.08	1 0.00
	UNMARRIED	23567	393 1.26	7373 23.60	9076 29.06	4207 13.47	1658 5.31	681 2.18	163 0.52	10 0.03	6 0.02
	UNKNOWN	401	2 0.01	105 0.34	138 0.44	80 0.26	34 0.11	31 0.10	10 0.03	0 0.0	1 0.00
TOTAL		31236	395 1.26	7773 24.88	10882 34.84	6500 20.81	3368 10.78	1778 5.69	497 1.59	35 0.11	8 0.03

TABLE 6

ABORTIONS BY AGE, RACE MARITAL STATUS, AND PRIOR ABORTIONS
1984

	TOTAL	PRIOR ABORTIONS					
		0	1	2	3	≥ 3	UNKNOWN
AGE							
≤ 15	395	362	31	2	0	0	0
15-19	7773	5835	1570	298	43	17	10
20-24	10882	5739	3281	1347	349	141	25
25-29	6500	2962	2076	925	320	193	24
30-34	3368	1630	1002	437	174	110	15
35-39	1778	968	448	224	82	44	12
40-44	497	296	118	52	12	16	3
> 44	35	23	8	3	1	0	0
UNKNOWN	8	2	3	1	1	0	1
RACE							
WHITE	15951	9715	4133	1454	410	205	34
BLACK	11026	5659	3315	1403	416	197	36
OTHER	3888	2180	1028	397	148	117	18
UNKNOWN	371	263	61	35	8	2	2
MARITAL STATUS							
MARRIED	7268	3825	2096	861	293	160	33
UNMARRIED	23567	13745	6337	2389	682	358	56
UNKNOWN	401	247	104	39	7	3	1
TOTAL	31236	17817	8537	3289	982	521	90

TABLE 7

ABORTIONS BY PRIOR NUMBER AND PRIOR NUMBER OF LIVE BIRTHS

1984

		NUMBER OF LIVE BIRTHS						
PRIOR ABORTIONS	TOTAL	0	1	2	3	4	≥ 4	UNKNOWN
NONE	17817	11009	3233	2356	851	227	130	11
ONE	8537	3936	2343	1484	510	167	95	2
TWO	3289	1227	865	755	298	96	48	0
THREE	982	296	272	243	120	35	15	1
> THREE	521	117	146	151	62	26	19	0
UNKNOWN	90	9	10	8	5	1	1	56
TOTAL	31236	16594	6869	4997	1846	552	308	70

TABLE 8

ABORTIONS BY PRIOR NUMBER OF LIVE BIRTHS RACE AND MARITAL STATUS 1984

PRIOR LIVE BIRTHS	TOTAL	WHITE				BLACK				OTHER				UNKNOWN			
		TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN
NONE	16594	10732	986	9690	56	4258	216	3984	58	1418	292	1119	7	186	28	111	47
ONE	6869	2429	1078	1330	21	3338	476	2799	63	1050	495	550	5	52	15	28	9
TWO	4997	1927	1258	652	17	2095	516	1535	44	890	504	382	4	85	50	19	16
THREE	1846	640	445	190	5	836	267	549	20	341	197	142	2	29	17	9	3
FOUR	552	143	97	45	1	306	95	201	10	100	56	43	1	3	2	1	0
> FOUR	308	52	35	14	3	175	74	95	6	75	41	34	0	6	2	2	2
UNKNWN	70	28	14	14	0	18	6	12	0	14	4	10	0	10	2	7	1
TOTAL	21236	15951	3913	11935	103	11026	1650	9175	201	3888	1589	2280	19	371	116	177	78

P9054

Accident Reports
1984

TAB-J

CENTER FOR HEALTH STATISTICS
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NEW JERSEY DEPARTMENT OF HEALTH

Accident Reports
1984

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ACCIDENTAL DEATHS

INTRODUCTION

Accidental death data reporting for New Jersey have been collected and tabulated since 1968, through the use of the New Jersey Mortality reporting system. Accidental deaths are tabulated monthly and submitted to the National Safety Council as part of their overall reporting system. Data received from all the states are combined to prepare the National Safety Council's report, Accident Facts. Before the publication of this New Jersey accident report, no published summary of accidents for New Jersey had been released to the public. A number of special tables, however, were prepared and included in the prior releases of the New Jersey Public Health Reports.

The Accidental Death report herewith presents Total occurrence of death regardless of the victim's state of residency. Accidental deaths relating only to New Jersey as the residence of the accident victim has been included in the Mortality report. This report, accumulated deaths, provide an in-depth review of accidents by five major types of accident reported by the National Safety Council. The report further regroups the subdivision within each of the five types of accidents to present a better overview of accidents by their commonly referred to names and/or class; i.e. Motor Vehicles, Falls, Fires, Drowning, etc.

Historical statistics have been compiled covering the period from 1971 to 1984 by subdivisions of cause and age groups. All tables are presented in aggregated form with individual identifiers being removed prior to tabulation of data. It is believed that this report will provide an insight into accidental deaths and also give a new dimension in the area of New Jersey's Health Statistics reporting.

STATISTICAL OVERVIEW

Total Accidental Deaths

The term "accidents" covers most deaths from violent occurrences. Deaths from homicides and suicides, however, are excluded as are deaths for which none of these categories can be determined or deaths in war operations.

Total accidental deaths in New Jersey regardless of the residence of the victim, decreased in 1984 from the 1983 level of 2,310 to 2,265. This represents a decline of 2.0% over the year. Most of this decrease can be accounted for by 53 fewer motor vehicle accidents. Total accidental deaths at the national level increased in 1984 from the 1983 level of 91,500 to 92,000. This increase nationally represents a 0.5 percent rise of total accidental deaths. Motor vehicle deaths in the nation increased from 44,400 (0.6%) to 46,200 (4.1%).

New Jersey vs. National Accident Rate

In 1984, the New Jersey accidental death rate per 100,000 for state resident population was 27.9% down slightly from 28.5% in 1983. This rate is 28.5% lower than the national rate of 39.0% per 100,000 population for the same time period. An accident death rate for the State cannot be computed in total accidents because there is no known way to determine out-of-state population base.

Motor Vehicle Accidental Deaths

Motor vehicle deaths included those deaths involving mechanically or electrically powered highway transport vehicles in motion (except those on rails) and off the highway or street. Fatalities occurring in the State as the result of motor vehicle accidents dropped in 1984 by 5.1% from the 1983 level of 1,037 to 984. For the nation there was an increase of 4.1%. Of the 984 New Jersey deaths in 1984, 340 (or 34.6%) were the result of a collison with other motor vehicles; 273 or 27.7%, were caused by noncollision; 255 or 25.9% were classified as pedestrian deaths; 22 (or 2.2%) deaths resulted from a collison with a fixed object; 35 (3.6%) were listed as "injury to pedal cyclist" deaths, and one (0.1%) death was the result of collison with railroad train; 58 (5.9%) classified as Other and Unspecified deaths. All specified classifications of motor vehicle deaths decreased substantially in 1984 versus 1983 except "injury to pedal cyclist" which increased by 66.7% (or 14 deaths). While the drivers of motor vehicles represent the majority of the deaths that resulted in this classification, the records show that one out of every four motor vehicle accident deaths was a pedestrian.

Accidental Deaths in the Home

This category of accidents resulting in deaths includes deaths in the home and on the premises to occupants, guests, and trespassers. Also included in this category are domestic servants, but other persons working on home premises are excluded. The year 1984 recorded 532 accidental deaths in the home. This is an increase of 4.7% from the 1983 level of 508. The national total for 1984 was 20,000 deaths (same as in 1983) for a rate of 8.5% per 100,000 persons (compared to 7.1% per 100,000 persons in New Jersey). The ranking of New Jersey accidental deaths in the home for 1984 are as follows: The large majority, 77.6% of accidental deaths in the home occurred in falls, fires, and poisonings.

1984 ACCIDENTAL DEATH
IN THE HOME

Type	Number	Percent
Falls	210	39.5
Fires	127	23.9
Poisonings (gas excepted)	76	14.3
Drownings	25	4.7
Suffocation (mechanical)	18	3.4
Suffocation (ingested food or object)	16	3.0
Firearms	15	2.8
Poisonings (by gases and vapors)	13	2.4
Other and Unspecified	32	6.0

Public Nonmotor Vehicle Deaths

Public accidents include deaths in public places or places used in a public way that do not involve motor vehicles. Most sports and recreational deaths are included in this category. Deaths in the course of employment are excluded. In 1984, there were 297 Public Nonmotor Vehicle deaths, a decrease of 8.9% from the 1983 total. Total deaths in this category decreased by 5% across the U.S. between 1983 and 1984, to approximately 18,500. In New Jersey, Falls tops the list with 66 (22.2%); in second place were Drownings, 64 (21.5%); followed by Air Transport, 33 (11.1%) and Water Transport, 19 (6.4%); Falls and Drownings are the areas of greatest concern in this classification of accidental deaths, accounting for almost one-half, (43.8%) of the total.

At Work

Work related deaths are those which arise out of and in the course of gainful employment regardless of where the accident occurs. Excluded from this category are work deaths to domestic servants, and deaths occurring in connection with farm chores that are classified as home deaths. Only 66 accidental deaths occurred in New Jersey's work settings in 1984, compared to 74 reported in 1983; this was a decrease of 10.8%. The national picture reflects a 1984 total of 11,500 deaths or a death rate of 11 per 100,000 workers (an 8.6% decrease since 1983). At work category, in 1984 for New Jersey death rankings are: (1) Service, 11, 16.7%; followed by construction with 9 deaths or 13.6%.

Overall Deaths - In Any Location or Setting

Another perspective can be obtained of accidental deaths by combining types or subcategory cause of deaths regardless of location of occurrence. This perspective permits accidental deaths to be measured as to the precise magnitude of the various types and causes. This insight can be achieved principally by combining like accidental deaths in the above categories into like groups: i.e. falls, fires, drownings, etc.

Aggregated and placed into a separate table using this grouping of accidental death rankings are as follows: (1) Motor Vehicle, 984, or 43.4%; (2) Falls, 276, or 12.2%; (3) Fires, 138 or 6.1%; (4) Drownings, 89 or 3.9%; (5) Poisonings, 89 or 3.9%; (6) Job Related, 66 or 2.9%; (7) Suffocations, 34 or 1.5%; (8) Air Transport, 33, or 1.5%; (9) Water Transport, 19 or 0.8%; (10) Firearms, 18, or 0.8%; (11) Railroad - not with motor vehicle, 14, or 0.6%; (12) Other and Unspecified, 119 or 5.3%; and (13) Unknown and Late Effects, 386, or 17.0%. A breakdown of the subcategory causes by age groups are presented in a table format at the end of this report.

Age Death Ratio Analyses

An analysis of accidental subcategory causes data by age shows that 59.3% of the motor vehicle accident deaths occur to persons between the ages of 15 and 44. Falls on the other hand, 73.9% happen to those persons 65 years of age and over. Drownings in 1984 show that 57.3% occurred to individuals between the ages of 15 and 44. Over one-fourth (26.5%) of the deaths by suffocation were children four years of age or less (up from 18.8% in 1983); Deaths by railroad -- not with motor vehicle indicate that 57.1% were in the 15-44 age group. The number of subcategory deaths by fires were fairly evenly distributed among all age groups, but in relation to population ratios of like age groups, children under 5 years of age, and adults 75 years of age and older, suffered a disproportionately higher share.

The three age groups that had a higher accidental death total ratio than their respective population ratios in 1984 are: (a) 15-24 years old, 20.1% to 16.2% (especially because of motor vehicle fatalities, followed by drownings); (b) the 65-74 year age group, 9.4% to 7.6%; and (c) those persons 75 years of age and over, 17.7% to 4.9% (the age group for which falls are a serious problem).

TABLE-1

ACCIDENTAL DEATHS BY TYPE CLASSIFICATION IN ANY LOCATION OR SPECIFIC SETTING

1983-1984

Classification of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 Vs. 1983
Motor Vehicle	1,037	44.9	984	43.4	- 5.1
Falls	310	13.4	276	12.2	- 11.0
Fires	129	5.6	138	6.1	7.0
Drownings	121	5.2	89	3.9	- 26.4
Poisonings	61	2.6	89	3.9	45.9
Job Related	74	3.2	66	2.9	- 10.8
Suffocation	32	1.4	34	1.5	6.3
Air Transport	28	1.2	33	1.5	17.9
Water Transport	8	0.4	19	0.8	137.5
Firearms	14	0.6	18	0.8	28.6
Railroad - Not with Motor Vehicle	25	1.1	14	0.6	- 44.0
Other and Unspecified	106	4.6	119	5.3	12.3
Unknown and Late Effects	365	15.8	386	17.0	5.8
Total	2,310	100.0	2,265	100.0	- 1.9

TABLE-2

ACCIDENTAL DEATHS

1983-1984

Type of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 Vs. 1983
Motor Vehicle	1,037	44.9	984	43.4	- 5.1
In the Home	508	22.0	532	23.5	4.7
Public Nonmotor Vehicle	326	14.1	297	13.1	- 8.9
At Work	74	3.2	66	2.9	- 10.8
Unknown and Late Effects	365	15.8	386	17.0	5.8
Total	2,310	100.0	2,265	100.0	- 1.9

TABLE-3

ACCIDENTIAL DEATH SUMMARY, NEW JERSEY: 1971-1984

	TYPE OF ACCIDENT	1971	1972	1973	1974
	GRAND TOTAL	3,043	2,894	3,005	2,710
1	WORK PLACE TOTAL	129	92	120	108
2	Agriculture	6	4	4	3
3	Mining, Quarrying, Oil and Gas Wells	1	4	2	
4	Construction	24	26	29	20
5	Manufacturing	37	26	36	40
6	Transportation and Public Utilities	14	9	4	13
7	Trade	2	2	4	2
8	Service	4	3	5	3
9	Government	8	8	8	5
10	Other and Unspecified Industry	33	10	28	22
11	HOME TOTAL	825	761	718	726
12	Poisonings (gas excepted)	86	74	80	94
13	Poisonings by Gases and Vapors	18	27	12	28
14	Falls	390	369	344	337
15	Fires	193	183	171	163
16	Drowning	37	24	24	36
17	Suffocation, Ingested Food or Object	42	22	19	16
18	Suffocation, Mechanical	10	13	17	9
19	Firearms	14	11	13	13
20	Other and Unspecified Home Accidents	35	38	38	30
21	MOTOR-VEHICLE TOTAL	1,334	1,319	1,353	1,109
22	Injury to Pedestrian	372	355	329	316
23	Injury to Pedal Cyclist	25	21	34	22
24	Injury to Rider of Animal or Occupant of Animal-Drawn Vehicle				2
25	Collison with Railroad Train	14	8	3	8
26	Collison with Other Motor Vehicle	503	520	531	366
27	Collison with Fixed Object	67	313	148	83
28	Noncollision	339	83	292	299
29	Other and Unspecified Accidents	14	19	16	13
30	PERSON INJURED*				
31	Driver of motor vehicle other than motorcycle	543	573	597	491
32	Passenger in M.V. other than motorcycle	341	296	327	218
33	Motorcyclist	37	51	49	44
34	Passenger on motorcycle	9	12	5	6
35	PUBLIC NONMOTOR-VEHICLE TOTAL	465	457	508	437
36	Railroad-Not with Motor Vehicle	21	19	24	19
37	Other Road Vehicle-Not with Motor Vehicle	5	2	13	5
38	Water Transport	40	49	29	29
39	Air Transport	20	13	20	16
40	Falls	162	166	144	143
41	Fires	12	8	28	6
42	Drowning	101	106	136	114
43	Firearms	4	4	4	7
44	Other and Unspecified Public Accidents	100	90	110	98
45	Accident Type Unknown and Late Effects	290	265	306	330

*PERSON INJURED-have been included in MOTOR-VEHICLE TOTAL.

TABLE-3(CONTINUED)

1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	
2,565	2,451	2,527	2,455	2,827	2,689	2,741	2,533	2,310	2,265	
65	79	67	78	94	53	84	50	74	66	1
1	1	3	1	7	1	2	1	4	1	2
								2		3
17	17	11	21	17	23	18	14	15	9	4
19	16	21	22	15	7	17	8	4	5	5
8	9	8	3	12	3	9	2	2	6	6
2	8	3	5	1	1		1		1	7
2	5	2	1	1	1	11	12	2	11	8
5	3	1	3	12	5	3	7	4	3	9
11	20	18	22	29	12	24	5	41	30	10
651	568	633	501	592	559	590	577	508	532	11
70	66	67	49	42	42	76	60	51	76	12
19	17	14	14	22	7	20	24	10	13	13
304	261	309	231	248	238	239	240	226	210	14
170	145	163	125	179	172	168	156	117	127	15
13	12	15	17	20	19	19	14	24	25	16
24	29	17	14	22	29	13	17	20	16	17
11	2	12	14	14	11	9	8	12	18	18
13	9	7	8	5	7	9	14	9	15	19
27	27	29	29	40	34	37	44	39	32	20
1,108	1,050	1,112	1,156	1,319	1,280	1,313	1,177	1,037	984	21
281	284	276	280	344	322	306	313	262	255	22
26	23	21	31	29	22	29	15	21	35	23
										24
7	1	7	5	4	5	11	3	2	1	25
394	367	425	467	475	457	513	445	352	340	26
115	37	37	24	46	53	46	41	23	22	27
267	322	330	334	375	372	374	326	344	273	28
18	16	16	15	46	49	34	34	33	58	29
										30
502	412	462	497	531	528	559	475	569	412	31
253	275	255	256	267	263	264	244	207	171	32
30	43	77	67	81	79	90	83	62	56	33
7	5	6	12	11	12	13	9	8	3	34
417	407	356	350	431	363	321	326	326	297	35
13	18	22	21	21	17	14	24	25	14	36
4	3	6	3	7	2	1	1	2	6	37
29	27	26	22	40	32	18	22	8	19	38
18	21	10	14	25	30	17	15	28	33	39
159	131	115	112	103	91	65	77	84	66	40
5	4	12	6	8	6	43	8	12	11	41
113	92	82	101	121	112	96	85	97	64	42
3	9	4	3	4	7	4	5	5	3	43
73	102	79	68	102	66	63	89	65	81	44
324	347	359	370	391	434	433	403	365	386	45

TABLE-4

MOTOR VEHICLE DEATHS
1983-1984

Type of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 Vs. 1983
Collision with other Motor Vehicle	352	33.9	340	34.6	- 3.4
Noncollision	344	33.2	273	27.7	- 20.6
Injury to Pedestrian	262	25.3	255	25.9	2.7
Injury to Pedal Cyclist	21	2.0	35	3.6	- 66.7
Collision with Fixed Object	23	2.2	22	2.2	- 4.3
Collision with Railroad Train	2	0.2	1	0.1	- 50.0
Other and Unspecified	33	3.2	58	5.9	75.8
Total	1,037	100.0	984	100.0	- 5.1

TABLE-5

IN THE HOME DEATHS
1983-1984

Type of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 Vs. 1983
Falls	226	44.5	210	39.5	- 7.1
Fires	117	23.0	127	23.9	8.5
Poisonings (Gas excepted)	51	10.0	76	14.3	49.0
Drowning	24	4.7	25	4.7	4.2
Suffocation, mechanical	12	2.4	18	3.4	50.0
Suffocation, ingested food or object	20	3.9	16	3.0	- 20.0
Firearms	9	1.8	15	2.8	66.7
Poisoning by gas and vapors	10	2.0	13	2.4	30.0
Other and Unspecified	39	7.7	32	6.0	- 17.9
Total	508	100.0	532	100.0	4.7

TABLE-6

PUBLIC NONMOTOR VEHICLE DEATHS
1983-1984

Type of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 vs. 1983
Falls	84	25.8	66	22.2	- 21.4
Drowning	97	29.8	64	21.5	- 34.0
Air Transport	28	8.6	33	11.1	17.9
Water Transport	8	2.5	19	6.4	137.5
Railroad - not with Motor Vehicle	25	7.7	14	4.7	- 44.0
Fires	12	3.7	11	3.7	- 8.3
Other Road Vehicle - not with Motor Vehicle	2	0.6	6	2.0	200.0
Firearms	5	1.5	3	1.0	- 40.0
Other and Unspecified	65	19.9	81	27.3	24.6
Total	326	100.0	297	100.0	8.9

TABLE-7

AT WORK DEATHS
1983-1984

Type of Accident	1983 Number	1983 Percent	1984 Number	1984 Percent	Percent Change 1984 vs. 1983
Service	2	2.7	11	16.7	450.0
Construction	15	20.3	9	13.6	- 40.0
Transportation and Public Utilities	2	2.7	6	9.1	200.0
Manufacturing	4	5.4	5	7.6	25.0
Government	4	5.4	3	4.5	- 25.0
Agriculture	4	5.4	1	1.5	- 75.0
Trade	0		1	1.5	100.0
Mining, Quarring, Oil and Gas Wells	2	2.7	0		- 100.0
Other and Unspecified	41	55.4	30	45.5	- 26.8
Total	74	100.0	66	100.0	- 10.8

TABLE-8

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1983

Classification of Accidents	Total	AGE GROUP							
		0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,310	79	106	501	626	412	186	395	5
	100.0	3.4	4.6	21.7	27.1	17.8	8.1	17.1	0.2
Motor Vehicle	1,037	22	52	339	282	187	79	75	1
	100.0	2.1	5.0	32.7	27.2	18.0	7.6	7.2	0.1
Falls	310	4	3	12	28	41	41	181	
	100.0	1.3	1.0	3.9	9.0	13.2	13.2	58.4	
Fires	129	17	20	9	25	25	12	20	1
	100.0	13.2	15.5	7.0	19.4	19.4	9.3	15.5	0.8
Drownings	121	17	14	32	36	14	4	4	
	100.0	14.0	11.6	26.4	29.8	11.6	3.3	3.3	
Poisonings	61			12	39	8		1	1
	100.0			19.7	63.9	13.1		1.6	1.6
Job Related	74		1	12	32	22	5	2	
	100.0		1.4	16.2	43.2	29.7	6.8	2.7	
Suffocation	32	6	2	5	7	2	2	8	
	100.0	18.8	6.3	15.6	21.9	6.3	6.3	25.0	
Water Transport	8	1		3	3	1			
	100.0	12.5		37.5	37.5	12.5			
Air Transport	28		2	2	16	7		1	
	100.0		7.1	7.1	57.1	25.0		3.6	
Railroad - Not with	25		1	9	11	2	1	1	
Motor Vehicle	100.0		4.0	36.0	44.0	8.0	4.0	4.0	
Firearms	14			1	11	1	1		
	100.0			7.1	78.6	7.1	7.1		
Other and Unspecified	39	3	3	5	4	13	2	8	1
Home Accidents	100.0	7.7	7.7	12.8	10.3	33.3	5.1	20.5	2.6
Other and Unspecified	67		4	9	21	16	9	8	
Public Accidents	100.0		6.0	13.4	31.3	23.9	13.4	11.9	
Accidents Type Unknown	365	9	4	51	111	73	30	86	1
and Late Effects	100.0	2.5	1.1	14.0	30.4	20.0	8.2	23.6	0.3

Note: The above totals prepared for the National Safety Council Report.

TABLE-9

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1984

Classification of Accidents	Total	AGE GROUP 0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,265	77	103	455	629	382	212	402	5
	100.0	3.4	4.5	20.1	27.8	16.9	9.4	17.7	0.2
Motor Vehicle	984	11	54	295	289	160	89	85	1
	100.0	1.1	5.5	30.0	29.4	16.3	9.0	8.6	0.1
Falls	276	3	2	8	27	32	48	156	
	100.0	1.1	0.7	2.9	9.8	11.6	17.4	56.5	
Fires	138	28	17	25	27	15	11	13	2
	100.0	20.3	12.3	18.1	19.6	10.9	8.0	9.4	1.4
Drownings	89	9	12	24	27	9	3	5	
	100.0	10.1	13.5	27.0	30.3	10.1	3.4	5.6	
Poisonings	89			18	49	14	4	4	
	100.0			20.2	55.1	15.7	4.5	4.5	
Job Related	66			10	28	24	4		
	100.0			15.1	42.4	36.4	6.1		
Suffocation	34	9	3	1	5	7	4	5	
	100.0	26.5	8.8	2.9	14.7	20.6	11.8	14.7	
Air Transport	33		1	2	16	13	1		
	100.0		3.0	6.1	48.5	39.4	3.0		
Water Transport	19	1		2	5	7	3	1	
	100.0	5.3		10.5	26.3	36.8	15.8	5.3	
Firearms	18		2	4	6	4	1	1	
	100.0		11.1	22.2	33.3	22.2	5.6	5.6	
Railroad-Not with Motor Vehicle	14		3	3	5	1	1	1	
	100.0		21.4	21.4	35.7	7.1	7.1	7.1	
Other and Unspecified Home Accidents	32	2			10	6	6	8	
	100.0	6.3			31.3	18.7	18.7	25.0	
Other and Unspecified Public Accidents	87		3	15	30	17	6	16	
	100.0		3.4	17.2	34.5	19.5	6.9	18.4	
Accidents Type Unknown and Late Effects	386	14	6	48	105	73	31	107	2
	100.0	3.6	1.6	12.4	27.2	18.9	8.0	27.7	0.5

Note: The above totals prepared for the National Safety Council Report.

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Population
1984

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NEW JERSEY DEPARTMENT OF HEALTH

TAB K

Population
1984

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NATIONAL TRENDS IN POPULATION GROWTH

Past Patterns of Change

The pattern of population change by age is essentially a reflection of the fluctuation in the number of births over time, modified by changes in levels of immigration and mortality. Large fluctuations in fertility occurred during periods such as the Great Depression in the 1930's and the baby boom beginning in 1946. After sustaining a level of almost 3 million in the early to middle 1920's, the number of births dropped to 2.3 million by 1933-34 and did not return to their old levels until World War II.

In 1946-47, the year following the demobilization of the Armed Forces, the number of births reached a new plateau of 3.9 million, an increase of roughly a million over the previous year. Although the birth rate began to drop in the 1950's, the number of births exceeded 4 million for 11 successive years from 1953 to 1964. Births peaked at 4.35 million in 1960-61, but in no year between 1946 and 1971 did the number of births fall below 3.5 million. With the fertility decline of the 1970's, the level of births dropped to 3.1 million in 1973-74, and only in the 1980's has the number risen above 3.5 million again.

The population in the younger age groups (5 to 13 years) and school enrollment have reflected the long term decline in births since the middle 1960's. Elementary school enrollment plummeted during the 1970's, as the population in this age range declined by 17 percent, or 6 million from almost 37 million in 1970. This population has continued to decline moderately in the 1980's. With the rise in births since the middle 1970's, the population under 5 is growing again, so that stabilization and some small growth of the elementary school-age population can be expected soon. Constriction of the population 14 to 17 continues as the last of the baby boom generation passes through high school. That age group has declined by almost 8 percent since 1980, the largest decline of any age group. The college-age and young-adult population (18 to 24), which grew enormously during the 1960's and 1970's as the baby boom cohort entered it, has begun to decline since 1981.

The fastest growing age group in the United States in the 1970's, ages 25 to 34, increased by 3.8 million or 10.3 percent from 1980 to 1984. This age group will continue to grow during the 1980's but at a greatly reduced rate. By 1984, the oldest cohort of the baby boom had entered the 35-44 year age group, which has had the largest increase of any group since 1980 (5.0 million or 19.6 percent). This is the most rapidly growing age group and will continue to be for years to come, as the baby boom generation approaches middle age.

The population in ages 45 to 54 is beginning to decline, as the small Depression cohort ages. The age group from 55 to 64, which is now growing slowly, will begin to decline in size when the smaller cohorts of the late 1920's and the Depression enter the age group. By contrast, the elderly population (65 years and over) continues to grow rapidly, having increased as a group by 2.5 million or 9.8 percent since 1980 in the United States. The continued aging trend in the population is reflected in the change in the median age. Between 1980 and 1983, the median age rose 0.9 years, from 30.0 years to 30.9 years.

Although the general pattern of population change by age is approximately the same for Whites and Blacks, the Black population is growing more rapidly, as is apparent from the distinct racial differences in some age groups. The Black population under 5 years of age has shown significantly greater growth than the White population under 5. Similarly, each Black age group, with the exception of the 35 to 44 years and 65 years and over groups, exhibits either a larger increase or a smaller decrease than the comparable White age group. The overall effect is that the Black population grew by 5.3 percent, compared with 2.5 percent for Whites between 1980 and 1983.

The Census of 1980

The 1980 census established that dramatic changes took place in the social fabric of virtually every state during the 1970's. Shifts in family, household, and marriage patterns over the decade have altered the makeup of American society at the National, State, and local levels.

According to the 1980 census counts, the median age of the population increased to 30 years from the 28 years level reported in the 1970 Census. The increase has been attributed and was the result of declining fertility, aging of the "baby boom" cohorts, and increasing longevity of the population. Less than one-quarter of the population in 1980 was under 15 years of age and 11.3 percent were 65 years old and over.

The data for virtually all states points to faster growth of nonfamily households (one person or unrelated people in the same household) than families, smaller household size, and more families maintained by women with no husband present. These trends reflect a greater tendency of people to live alone, delay marriages, and separate and divorce. While families still make up 73 percent of all households, this is down from almost 90 percent indicated in the 1980 Census. The data also reveal variations in the composition of families among different race and Spanish origin groups.

NEW JERSEY POPULATION TRENDS

Overview

After the 1980 Census of Population and Housing results were in, New Jersey tabulated seven million plus inhabitants making it the ninth most populous state in the nation. With the highest density in the nation, at 986.1 persons per square mile as of April 1, 1980, it had fifteen times the density of the United States and almost three times that of the Middle Atlantic region. Already, the most densely populated state in the nation, New Jersey has now passed the 1,000 - person per square mile level (with a population density of 1002.6 persons per square mile as of July 1, 1984). Rhode Island was a distant second, at 911.8 persons per square mile, as of July 1, 1984. State population density figures, while correctly stating the population to land ratio do not, however, reflect the whole picture. Density is not uniform within the State, it varies considerably from county to county and from municipality to municipality.

The southern counties of New Jersey (Salem, and Cumberland), as well as those in the northwest (Hunterdon, Sussex, and Warren), all have population densities under three hundred per square mile. This is in marked contrast to the counties of Hudson and Essex respectively which have upward to twelve and seven thousand persons per square mile. It is the State's northern area where the four largest cities are located and the concentration of population is the highest.

NEW JERSEY POPULATION
1970-1984

April 1, 1970	(Census)	7,171,112
July 1, 1971	(Revised)	7,273,000
July 1, 1972	(Revised)	7,322,000
July 1, 1973	(Revised)	7,316,000
July 1, 1974	(Revised)	7,312,000
July 1, 1975	(Revised)	7,313,000
July 1, 1976	(Revised)	7,312,000
July 1, 1977	(Revised)	7,306,000
July 1, 1978	(Revised)	7,316,000
July 1, 1979	(Provisional)	7,332,000
April 1, 1980	(Census)	7,365,011
July 1, 1981	(Revised)	7,407,000
July 1, 1982	(Revised)	7,428,000
July 1, 1983	(Revised)	7,464,000
July 1, 1984	(Provisional)	7,515,000

Source: Office of Demographic and Economic Analysis
New Jersey Department of Labor.

Growth Trends

Back during the decades of the 1950's and 1960's, the State's population expanded rapidly, growing at an average annual rate of 2.3% from 1950 to 1960 and 1.7% from 1960 to 1970, compared to the national rates of 1.8% and 1.3%. The State's population "boom" came at the time when the Middle Atlantic states were experiencing far slower growth rates. The trend reversed, however, and has gripped the State since 1973. Population actually decreased during the 1973-1977 period. The average annual increase was only 0.2% for the decade, as compared with 0.9% for the United States. The net change for New Jersey between the Census period 1970-1980 indicated a 2.5% overall increase, while the nation as a whole increased by 11.4%.

Source of Change

The population growth is made up of two major components. The first classified as Natural Increase comprises births minus deaths. The second is termed Net Migration which is an inward movement of new residents minus outward movement. It is interesting to see how New Jersey's growth patterns relate to the Natural Increase part of change almost paralleling that of the United States, while net migration was from the north and central region of the country to the warmer southern and southwestern regions.

A review of the State's birth rate shows that New Jersey historically had a lower birth rate than the United States. Birth rates have declined substantially in the past thirty years both nationally and in New Jersey. New Jersey's death rate was also slightly higher than the national average during the 1950's and early 1960's, but since the mid sixties the rates have been virtually identical. The leading cause of death in both New Jersey and the nation as a whole, have consistently been heart disease, which in 1984 claimed 365.4 persons per 100,000 residents. Cancer, the second leading cause accounted for 221.7 deaths per 100,000 New Jersey residents as it continued to climb, in the highest rate per 100,000 thus far recorded.

Net Natural Increase

With the major component of Population growth being Net Natural Increase, it is a logical conclusion that births and deaths should have a strong influence on future growth and growth patterns within New Jersey. Nationally, as well as in the State, the net natural rate of increase has been falling since birth rates have declined faster than death rates. Moreover, New Jersey's net natural rate of increase has been below the national average for the past three decades because of a lower birth rate and a similar or higher death rate. From 1970 through 1984, for instance, New Jersey's annual net natural increase averaged about 0.47% as compared to .98% for the United States. Since 1980 nationally however, the birth history tends to show a decrease from 1980 to 1984; the National rate moved from 15.9 to 15.7. The death rate in the U.S. remained more constant at 8.8 deaths per 1,000 population in 1980 and 8.7 deaths per 1,000 population in 1984. In New Jersey the birth rate rose from 13.1 per 1,000 population in 1980 to 13.4 per 1,000 population in 1984 while the death rate remained relatively constant (at 9.3 per 1,000 population in 1980 and 9.2 per 1,000 population in 1984).

Migration Rate

The other factor influencing population growth Net migration during the 1950's and 1960's recorded a movement from New York and Pennsylvania to New Jersey's growing suburbs. New Jersey's average annual net migration rate of 1.13% for 1950-1960 was nearly seven times the nation's 0.17% average annual rate. The State's 1960-1970 annual rate of: 78%, likewise, was considerably higher than the national annual average, which remained at 0.17%. This influx of population explains most of New Jersey's rapid growth from 1950 to 1970.

New Jersey's in-migration slowed in the seventies, especially during the recession periods of 1970 and 1974/75. In fact, more people left the State than entered, with an average net migration rate of about 0.2% annually, compared to a national gain of 0.2%. This reversal in the State's net migration trend explains to a degree the slowing and the decline that has taken place within the State in the late seventies. This rate of out-migration slowed, was confirmed by the 1980 Census. New Jersey's net in-migration rate was 0.3%. While this 0.3% is lower than the national rate of 1.0% for the same time period, it is a marked reversal from the net out-migration New Jersey was experiencing in the 1970's.

Intrastate Differences

Total New Jersey populations increased by only 2.0% between 1980 and 1984. In 1984, births outnumbered deaths by approximately 32,000 and out of State migration exceeded in-migration by about 5,000. Internal shifts were similar and not unlike demographic trends found nationwide. Older cities continued to lose not only its manufacturing base but its residents who went to seek greener pastures elsewhere. Suburbia remained relatively stable and continued to move outward with a greater radius from center cities, new "exurbs" grew. In relatively rural counties of southern New Jersey, near the shore, large retirement communities were established.

The State's six largest cities (Newark, Jersey City, Paterson, Elizabeth, Trenton and Camden) remained virtually unchanged between 1980 and 1984 ranging from an average annual percent change of +0.31% increase in Elizabeth and a 0.81% decrease in Newark. The counties with the greatest population decrease between 1970 and 1980 were three urban counties, Essex, Hudson and Union, each with 7 to 9% decreases. Atlantic City, with its new gambling casinos is one of the "Tourist" cities throughout the United States that have been able to show to some degree, a reversal in urban economic decline trend. However, while the result has been increased employment, this has not altered the total numbers in resident population. People who came to Atlantic City for the new jobs generated by casino growth, for a variety of reasons, did not establish residence inside the city limits. In part, land values increased prohibitively from the standpoint of residential availability and the land purchased by hotels and casinos was for commercial development and not residential in nature.

The most notable population changes in this State in the decade between 1970 and 1980 were the growth of four relatively rural counties. Hunterdon's population increased 25%; Cape May's 38%; Sussex' 50%; and Ocean County 66%. Three of these four counties (Hunterdon, Cape May and Sussex) were among the five lowest in population in the State both in 1970 and 1980. In two of these counties, Cape May and Ocean, growth can be attributed to a large increase in retirement communities. In Hunterdon, the age structure of the population in 1980 was very similar to the State as a whole. In Sussex, the age structure shows a larger number of younger families. The age structure in each of the counties and in the State is presented in Table 3.

Since 1980, Ocean County is estimated to have grown by the largest amount: approximately 25,200 persons or 7.3%. Cape May had the top growth rate between 1980 and 1984 of 1.85% per year, which is only slightly greater than half of its annual growth rate for the period 1970-80. By contrast, the two largest counties in the State, Bergen and Essex, are the only ones that have declined in numbers. Since 1980 Essex's population decreased by 9,800 persons and Bergen by 800 persons.

Racial Composition

The racial composition of the New Jersey population closely resembles that of the United States as it has in the past. The 1960 Census data reported 91.3% of New Jersey's population was white, as compared to 88.6% for the United States. By 1980 the white composition represented 83.2%. New Jersey's black population increased from 8.5% to 16.8% of the population over the past twenty-year period from 1960 to 1980. In the nation the increase for the same period was from 10.5 to 11.7.

Age Distribution

The State's population is slightly "older" than the nation's. The age distribution of the State's population has changed markedly over the years. The decline of the birth rate and the decreasing death rate have decreased the percentage of "future workers" in the population, while enlarging the top end of the age structure. In 1960, 29.0% of New Jersey's population was under fifteen years of age, but by 1970 this group accounted for only 27.8% of the population, by 1980 percentage wise those under 15 represented 21.4% and by 1984 those under 15 years of age represented 20.2%. The disparity increases for the portion of the population under ten; in 1960, 20.3% of the population was ten and under, 1970 only 17.9%, in 1980, 13.2% and in 1984, 12.8%. At the upper end of the age distribution, the share of population 65 and over has increased from 9.1% in 1960 to 9.7 in 1970; the 1980 census shows a further increase to 11.7% and in 1984 persons over age 64 represented 12.5%. The New Jersey trends parallel those of the United States as a whole and could have serious implications in the next ten to twenty years as a declining working-age population will have to support an increasingly large number of elderly. The impact on our medical establishment likewise will be profound.

Marriage and Divorce

During the seventies the marriages decreased with the exception of 1972 and 1973 which gave an indication of an upturn that did not materialize. The bottom was reached in 1977 and since then an upturn thus occurred. Marriage rates have increased in recent years even though women have increasingly chosen careers over marriage, the postponement of marriage to establish a career. Nationally, marriage rates decreased and appears to have reached its peak from 11.1 per 1,000 population in 1950 to 10.8 in 1980. New Jersey did not reflect the national trend. The State's marriage rate which was a low 6.5 in 1959 rose to 7.6 in 1980 and reached 8.3 in 1983. Divorce rates have increased significantly both in New Jersey and the nation during the past thirty years. New Jersey's 1984 rate of 3.8 divorces per 1,000 population, though one of the lowest in the nation was more than 2.7 times the 1970 rate.

1984 POPULATION

Overview

New Jersey's population was estimated at 7,515,000 as of July 1, 1984 -- up by 150,000 or 2.0% from the census count on April 1, 1980. Although substantially less than the U.S. gain of 4.2%, New Jersey outpaced the other seven most populous states in the Northeast and North Central Regions, including New York and Pennsylvania.

New Jersey's Comparative Growth

Although New Jersey's annual rate of population increase since 1980 (0.47% per year) was less than half of the national gain (0.98% per year), state growth was about twice the increase shown in New York. Pennsylvania showed virtually no change at all. Of the eight largest states (over 5 million) in the Northeastern and North Central Regions, not only did New Jersey lead in the percent increase, but it was second only to New York in absolute growth since 1980.

A primary reason for New Jersey's growth was that it had positive net migration; that is, twenty-five thousand more people moved into New Jersey than moved out from 1980 to 1984. New Jersey was the only state among the "Big Eight" in the Northeast and North Central Regions with this distinction.

TABLE - 1

POPULATION BY AGE AND SEX
UNITED STATES, NEW JERSEY, NEW YORK, AND PENNSYLVANIA
APRIL 1, 1980

	United States	New Jersey	New York	Pennsylvania
TOTAL	226,504,825	7,364,158	17,557,288	11,866,728
Under 5 years	16,344,407	463,127	1,135,687	747,876
5-9 years	16,697,134	508,526	1,184,687	805,285
10-14 years	18,240,919	605,695	1,406,378	932,218
15-19 years	21,161,667	670,705	1,598,252	1,080,866
20-24 years	21,312,557	614,774	1,519,964	1,059,965
25-29 years	19,517,672	574,046	1,428,314	945,416
30-34 years	17,557,957	563,735	1,351,997	848,098
35-39 years	13,963,008	479,715	1,106,790	682,546
40-44 years	11,668,239	400,048	936,291	591,892
45-49 years	11,088,383	393,967	911,387	600,348
50-54 years	11,708,984	432,607	996,676	695,815
55-59 years	11,614,054	430,087	979,223	712,181
60-64 years	10,085,711	367,444	841,084	633,115
65 years and over	25,544,133	859,682	2,160,558	1,531,107
Median Age	30.0	32.2	31.9	32.1
Males	110,032,295	3,532,719	8,338,961	5,683,985
Females	116,472,530	3,831,439	9,218,327	6,182,743

Source: Bureau of the Census, U.S. Department of Commerce, 1980 Census of Population, Supplementary Reports "Age, Sex, Race, and Spanish Origin of the Population by Regions, Division, and States; 1980," PC80-S1-1, U.S. Government Printing Office, Washington, D.C., Issued May 1981.

TABLE-2

NEW JERSEY
POPULATION BY COUNTY, BY SEX, BY RACE, BY AGE
APRIL 1, 1980 CENSUS

			FEMALE				
County	Total	Male	Total	White	Nonwhite	15-44 yrs.	19 yrs. & under
STATE TOTAL	7,364,823	3,533,012	3,831,811	3,177,848	653,963	1,687,457	1,101,412
Atlantic County	194,119	91,163	102,956	81,420	21,536	41,823	28,154
Bergen County	845,385	405,372	440,013	408,412	31,601	187,658	110,347
Burlington County	362,542	181,636	180,906	154,006	26,900	96,051	58,670
Camden County	471,650	225,202	246,448	199,366	47,082	109,580	75,312
Cape May County	82,266	39,503	42,763	39,570	3,193	15,465	10,603
Cumberland County	132,866	63,026	69,840	54,791	15,049	29,987	22,168
Essex County	851,116	396,667	454,449	255,005	199,444	200,409	133,734
Gloucester County	199,917	97,367	102,550	92,180	10,370	47,752	33,527
Hudson County	556,972	263,475	293,497	223,769	69,728	126,782	80,669
Hunterdon County	87,361	43,505	43,856	42,961	895	20,670	13,746
Mercer County	307,863	146,981	160,882	126,305	34,577	72,795	45,409
Middlesex County	595,893	292,433	303,460	272,337	31,123	145,099	88,157
Monmouth County	503,173	241,857	261,316	232,736	28,580	113,972	78,599
Morris County	407,630	198,804	208,826	198,854	9,972	98,785	63,255
Ocean County	346,038	164,046	181,992	174,710	7,282	67,259	49,062
Passaic County	447,585	212,631	234,954	184,808	50,146	103,425	68,372
Salem County	64,676	31,463	33,213	27,648	5,565	14,156	10,318
Somerset County	203,129	99,671	103,458	96,088	7,370	47,635	29,677
Sussex County	116,119	57,371	58,748	57,967	781	28,080	19,724
Union County	504,094	240,278	263,816	211,919	51,897	110,951	68,779
Warren County	84,429	40,561	43,868	42,996	872	19,123	13,130

TABLE-3

NEW JERSEY
POPULATION BY COUNTY BY AGE GROUP
APRIL 1, 1980 CENSUS

County	Total	AGE GROUP <15	15-19	20-24	25-34	35-44	45-64	65+
STATE TOTAL	7,364,823	1,577,577	670,665	614,828	1,137,893	879,823	1,624,266	859,771
Atlantic County	194,119	40,813	16,833	16,218	28,404	19,967	41,097	30,787
Bergen County	845,385	153,396	72,513	67,559	124,489	103,422	218,730	105,276
Burlington County	362,542	84,478	38,485	33,556	59,925	45,770	71,646	28,682
Camden County	471,650	110,187	43,253	40,359	75,038	53,180	100,401	49,232
Cape May County	82,266	15,264	6,748	6,328	10,936	7,611	18,646	16,733
Cumberland County	132,866	32,353	12,603	10,448	19,890	14,857	27,199	15,516
Essex County	851,116	192,277	77,307	71,267	130,090	99,172	182,242	98,761
Gloucester County	199,917	48,645	19,585	18,042	32,860	23,395	39,667	17,723
Hudson County	556,972	116,069	48,168	49,889	86,991	61,908	124,015	69,932
Hunterdon County	87,361	20,051	8,522	5,859	13,871	13,307	17,647	8,104
Mercer County	307,863	62,353	29,346	29,583	48,284	35,639	67,458	35,200
Middlesex County	595,893	120,970	59,639	60,704	97,741	70,936	133,171	52,732
Monmouth County	503,173	113,584	46,953	37,489	75,222	64,341	106,048	59,536
Morris County	407,630	90,933	38,533	31,268	65,572	58,845	86,683	35,796
Ocean County	346,038	74,562	25,858	21,440	49,528	35,680	67,161	71,809
Passaic County	447,585	98,336	40,194	38,850	69,046	51,572	96,446	53,141
Salem County	64,676	15,272	6,030	4,918	9,673	7,292	13,953	7,538
Somerset County	203,129	41,748	19,219	15,955	31,626	27,578	48,721	18,282
Sussex County	116,119	30,594	9,863	7,533	22,097	16,545	19,352	10,135
Union County	504,094	96,608	43,528	41,027	73,289	58,679	126,296	64,667
Warren County	84,429	19,084	7,485	6,536	13,321	10,127	17,687	10,189

TABLE-4

ESTIMATES OF RESIDENT POPULATION, NEW JERSEY COUNTIES*

COUNTY	CENSUS, APRIL 1, 1980	REVISED ESTIMATE, JULY 1, 1982	REVISED ESTIMATE, JULY 1, 1983	PROVISIONAL ESTIMATE, JULY 1, 1984
STATE TOTAL	7,365,011	7,428,000	7,464,000	7,515,000
Atlantic County	194,119	195,400	197,800	200,900
Bergen County	845,385	842,900	843,500	844,500
Burlington County	362,542	371,900	373,600	377,700
Camden County	471,650	478,600	479,200	485,100
Cape May County	82,266	85,700	86,800	89,000
Cumberland County	132,866	133,800	133,000	134,000
Essex County	851,304	841,100	840,900	841,500
Gloucester County	199,917	204,400	204,500	205,600
Hudson County	556,972	560,100	560,100	558,600
Hunterdon County	87,361	89,100	90,400	91,800
Mercer County	307,863	309,100	312,900	314,700
Middlesex County	595,893	603,500	611,200	617,800
Monmouth County	503,173	511,200	515,400	522,400
Morris County	407,630	411,300	414,000	417,100
Ocean County	346,038	358,500	364,200	371,300
Passaic County	447,585	452,800	453,800	457,700
Salem County	64,676	65,200	65,800	65,700
Somerset County	203,129	205,100	207,100	208,900
Sussex County	116,119	118,500	119,200	118,900
Union County	504,094	504,400	505,500	506,200
Warren County	84,429	84,900	84,900	85,300

* State estimates are shown to the nearest thousand and county estimates to the nearest hundred.

SOURCE: Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-5

COMPONENTS OF CHANGE IN RESIDENT POPULATION, BY COUNTY: APRIL 1, 1980 TO JULY 1, 1984*

	TOTAL POPULATION			COMPONENTS OF POPULATION CHANGE	
COUNTY	CENSUS APRIL 1, 1980	PROVISIONAL ESTIMATE JULY 1, 1984	TOTAL	NATURAL INCREMENT	NET MIGRATION
STATE TOTAL	7,365,011	7,515,000	150,000	127,000	23,000
Atlantic County	194,119	200,900	6,800	1,500	5,300
Bergen County	845,385	844,500	-800	3,900	-4,800
Burlington County	362,542	377,700	15,200	11,400	3,700
Camden County	471,650	485,100	13,400	14,200	-800
Cape May County	82,266	89,000	6,700	-200	6,900
Cumberland County	132,866	134,000	1,100	3,300	-2,200
Essex County	851,304	841,500	-9,800	15,300	-25,100
Gloucester County	199,917	205,600	5,600	6,100	-500
Hudson County	556,972	558,600	1,600	9,800	-8,200
Hunterdon County	87,361	91,800	4,400	2,000	2,400
Mercer County	307,863	314,700	6,800	5,600	1,200
Middlesex County	595,893	617,800	21,900	12,400	9,500
Monmouth County	503,173	522,400	19,300	6,800	12,400
Morris County	407,630	417,100	9,500	8,600	900
Ocean County	346,038	371,300	25,200	300	24,900
Passaic County	447,585	457,700	10,100	10,200	-100
Salem County	64,676	65,700	1,000	1,300	-200
Somerset County	203,129	208,900	5,800	3,800	2,000
Sussex County	116,119	118,900	2,800	4,100	-1,300
Union County	504,094	506,200	2,100	4,900	-2,700
Warren County	84,429	85,300	900	1,500	-600

* State estimates are shown to the nearest thousand and county estimates to the nearest hundred. Estimated components of change at the county level may not add precisely, due to rounding.

SOURCE: Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-6

Population Estimates for Counties and Selected Places
New Jersey: 1984

Place of Residence	Federal Census April 1, 1980	Revised Population Estimates July 1, 1983	Provisional Population Estimates July 1, 1984
STATE TOTAL	7,365,011	7,463,941	7,514,802
ATLANTIC COUNTY	194,119	197,802	200,896
Atlantic City	40,199	37,831	36,701
BERGEN COUNTY	845,385	843,520	844,535
BURLINGTON COUNTY	362,542	373,548	377,726
CAMDEN COUNTY	471,650	479,182	485,064
Camden City	84,910	83,172	83,065
Cherry Hill Twp.	68,785	69,273	69,769
Gloucester Twp.	45,156	48,344	48,857
CAPE MAY COUNTY	82,266	86,807	88,985
CUMBERLAND COUNTY	132,866	133,025	134,002
Vineland City	53,753	53,445	53,370
ESSEX COUNTY	851,304	840,888	841,528
Bloomfield	47,792	47,590	47,557
East Orange	77,878	77,010	77,228
Irvington	61,493	62,632	62,513
Newark	329,248	319,393	318,098
GLOUCESTER COUNTY	199,917	204,526	205,555
HUDSON COUNTY	556,972	560,136	558,613
Bayonne	65,047	64,130	63,731
Hoboken	42,460	42,074	41,735
Jersey City	223,532	223,103	222,532
North Bergen Twp.	47,019	47,257	47,219
Union City	55,593	56,929	56,559
HUNTERDON COUNTY	87,361	90,445	91,800
MERCER COUNTY	307,863	312,944	314,654
Hamilton Twp.	82,801	84,312	84,611
Trenton	92,124	92,363	92,204
MIDDLESEX COUNTY	595,893	611,227	617,757
Edison Twp.	70,193	73,412	76,132
New Brunswick	41,442	41,075	40,485
Old Bridge Twp.	51,515	53,445	54,249
Piscataway Twp.	42,223	43,325	43,291
Woodbridge Twp.	90,074	92,755	93,325
MONMOUTH COUNTY	503,173	515,356	522,529
Middletown Twp.	62,574	65,609	66,874
MORRIS COUNTY	407,630	413,978	417,137
Parsippany-Troy Hills	49,868	50,380	50,139
OCEAN COUNTY	346,038	364,245	371,254
Brick Twp.	53,629	56,594	57,693
Dover Twp.	64,455	67,040	68,347
PASSIC COUNTY	447,585	453,842	457,675
Clifton	74,388	75,111	75,810
Passaic City	52,463	53,404	53,941
Paterson	137,970	139,082	139,564
Wayne Twp.	46,474	47,528	48,156
SALEM COUNTY	64,676	65,755	65,688
SOMERSET COUNTY	203,129	207,054	208,934
SUSSEX COUNTY	116,119	119,237	118,892
UNION COUNTY	504,094	505,493	506,235
Elizabeth	106,201	107,500	107,621
Plainfield	45,555	46,204	46,221
Union Twp.	50,184	50,604	50,877
WARREN COUNTY	84,429	84,931	85,343

NOTE: Population from the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-7

RESIDENT POPULATION 65 AND OLDER, NEW JERSEY COUNTIES 1980-1984

COUNTY	CENSUS, APRIL 1, 1980	REVISED ESTIMATE, JULY 1, 1982	REVISED ESTIMATE, JULY 1, 1983	PROVISIONAL ESTIMATE, JULY 1, 1984
STATE TOTAL	859,771	904,000	924,000	942,000
Atlantic County	30,787	30,500	30,500	30,400
Bergen County	105,276	111,100	113,900	115,800
Burlington County	28,682	31,400	32,700	33,900
Camden County	49,232	52,100	53,600	55,000
Cape May County	16,733	17,300	17,600	18,000
Cumberland County	15,516	16,100	16,500	16,700
Essex County	98,761	99,300	99,700	100,100
Gloucester County	17,723	19,300	19,900	20,400
Hudson County	69,932	70,800	71,200	71,400
Hunterdon County	8,104	8,500	8,600	8,800
Mercer County	35,200	37,100	37,900	38,800
Middlesex County	52,732	58,300	61,000	63,600
Monmouth County	59,536	62,900	64,400	65,800
Morris County	35,796	38,100	39,000	40,000
Ocean County	71,809	78,400	81,600	84,700
Passaic County	53,141	55,100	55,800	56,300
Salem County	7,538	8,000	8,200	8,400
Somerset County	18,282	19,700	20,500	21,300
Sussex County	10,135	11,000	11,200	11,500
Union County	64,667	67,700	68,800	70,000
Warren County	10,189	10,900	11,200	11,500

* State estimates are shown to the nearest thousand and county estiamtes to the nearest hundred.

Technical Notes

SECTION II

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Technical Notes

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

TECHNICAL NOTES

SOURCES OF DATA

Vital Events

Birth, death, fetal death, and marriage certificates are the basic source documents used for data on vital events of New Jersey residents during the calendar year as stated. Birth and fetal death certificates are usually completed by hospital personnel, physicians, and funeral directors. Copies of certificates are available from the Vital Statistics and Registration Program. Divorce and annulment data are compiled from transmittal documents which are received from records maintained by the Office of the Administration of the Courts. Abortion data are compiled from a Special Department of Health form received monthly from all facilities (hospitals and clinics) licensed to perform abortions.

The cut-off date for the vital events data in this report was August 1. Any data pertaining to an event for which a certificate was filed after that date, are not included. It is possible that future data obtained from the NJ/DOH may differ slightly from that which appears on this report. If this should occur, it is because an update was made to the data year after the cut off date.

Birth and Death events relating to New Jersey residents which occurred in another state are included in this report, as part of the resident counts. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates. No marriages, divorce, or abortion reports are included in the inter-state vital statistics exchange program. Accident data are generated from the Death records. Fertility data are derived through the use of birth data and population characteristics (race, age and sex) reported in the 1980 Census of Population and Housing) conducted by the U.S. Bureau of Census. U.S. data was taken from the Monthly Vital Statistics reports released by the National Center for Health Statistics and/or Current Population Reports, U.S. Bureau of Census.

Population

The population data used in this publication are based in part on data collected by census enumerators during the 1980 Census of Population and Housing, and released by the Bureau of Census. Every person and housing unit was renumerated on a questionnaire that requested certain basic demographic information, such as age, race, and relationship. Established as the base year, 1980 provided the levels and characteristics for the annual estimates reported and released by the NJ Department of Labor, Office of Demographic and Economic Analysis.

Abortions

The New Jersey Abortion Surveillance is a health monitoring system conducted by the Center for Health Statistics within the New Jersey Department of Health. Reporting forms are completed by abortion providers and are coded and processed by the NJ/DOH on a monthly basis.

Morbidity

There are two sources of Morbidity data in New Jersey. The one that has been readily available in the past is Reportable Communicable Diseases. These data are collected by various programs thoroughout the Department in surveillance activities. Communicable diseases are required by law to be reported to the Department of Health. The other source of morbidity data pertain to hospitalization and treatment. With the development and implementation of the Diagnostic Related Groups (DRGs), the Department in 1976 implemented a program to collect both primary and secondary diagnosis, as related to the principal cause of hospitalization. These data are submitted to the NJ/DOH quarterly and are analyzed annually.

DATA QUALITY

Vital Events

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates, and corrected through a direct query program. The NJ/DOH works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on certificates.

The query program is a system used to follow back with local registrar, with hospital personnel, funeral directors, and/or physicians, concerning incomplete or conflicting information. The follow-back contact is usually done by telephone, and is based both on a manual and computer editing procedure.

The field program attempts to improve certificate information by educating the participants in the vital registration system; i.e. hospital personnel, funeral directors, local registrars, physicians, etc. of the uses and importance of vital statistics data. This is accomplished by conducting seminars with direct participation of the type of individuals listed above, and with various associations. In addition to regularly scheduled seminars, the NJ/DOH field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors New Jersey's coding of Birth and Death data. NCHS has established a two percent upper limit for coding difference involving any one item, with the exception of cause of death. A five percent limit is established for this item because of the complexity of the coding process.

Population

While it is impossible to completely eliminate error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control such errors during collection and processing operations through record checks and re-checks, post-enumeration follow-back, processing quality control checks, and installation of special coding procedures for nonresponses to questions on the census questionnaire.

Abortions

Abortion data collected do not imply the complete and comprehensive status of legal abortion in New Jersey. The quality of the data is depdendent on the completeness and accuracy of the information supplied by providers of abortion services within the State. The Center for Health Statistics undertakes computer edits on all data submitted and makes applicable changes for obvious errors. Queries are made to the providers to correct the abortion information and to correct detected errors and incomplete documents.

Morbidity

Reportable diseases are monitored for completeness by the Communicable Disease program under the Division of Epidemiology and Disease Control. A tracking system is in place that checks and double checks on the information. All data are actual counts.

Two measurements are used in assessing the accuracy and quality of the Medical Discharge Abstract data. The first relates directly to the data contents of the tapes submited which are evaluated for completeness as to error, consistency, and overall error tolerance levels. All errors detected are reviewed and levels of severity established in terms of rates on the data that are received. The second measure is the completeness and correct coding. This comparison is related to a direct comparison of the records maintained by the facility and abstract data submitted to the Department.

GEOGRAPHIC ALLOCATION

Vital Events

Vital events can be classified geographically in two ways. The first way is by place of occurrence; i.e. the actual state, county and minor civil division (MCD) in which the birth or death took place. The second, and more customary way is by place of residence; i.e. the state, county and MCD given to the usual residence of the mother, in the case of a newborn, or the decedent in the case of death. Fetal deaths and infant deaths in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and statistical significance, residence statistics are by far the more useful tool, when constructing health indices for planning and evaluation purposes. Likewise, Vital Statistics residence data are used to determine the "Natural Increase" component of the state's population estimates. The statistics provided in this report are residence data, unless otherwise stated.

It should be noted that the allocation of vital events by place of residence is sometimes difficult. This is because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addressess often differ from the actual geographic residence.

Where the mailing address of an unincorporated or local name place is given as the place of residence, it is sometimes impossible to allocate the event to a specific or the correct MCD. How often incorrect information on residence is recorded is not known, but it is generally because of the lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant. Postal Zip Codes are used for cross reference in cases where allocation is required if at all possible. Every attempt is made to code the correct residential location. This problem is applicable generally only to MCD level data. Resident counts for the state as a whole are accurate. County resident figures, likewise, have been verified and are substantially correct and can be used with a high degree of confidence.

Population

The error associated with allocation of event to area of residence is almost nonexistent, since the 1980 Census of Population and Housing involved on-site enumeration of both population and housing units. County boundaries legally defined and in effect as of January 1, 1980 were recognized in the 1980 census. Census data are also available from the NJ/DOL Office of Demographic and Economic Analysis, for geographic areas not represented in this publication, such as census tracts and enumeration districts. Townships that are all incorporated in the state of New Jersey, are also considered as MCDs.

Abortions

County of residence of the abortion recipient is recorded on the reporting form submitted to the NJ/DOH. The geographic data are only as accurate as the information given by the patient at the time of the procedure. No verification is made on questions asked of the patient. A Postal Zip Code notification program has been installed into the computer/edit phase to verify and correct, if possible.

Since the New Jersey abortion surveillance began, New Jersey residents have comprised 78 to 85% of all reported abortions, performed at in-state facilities. The NJ/DOH is unable at this time to obtain detailed data on New Jersey residents receiving abortion in other states or at physician's offices. The resident data compiled by the Center for Health Statistics include only those data on residents receiving abortions at licensed facilities within the State.

Morbidity

A strict control is maintained over the geographic location and coding for both reportable diseases and Discharge Abstract data. Evaluation systems have been developed to insure correct reporting of resident codes. Likewise, a Postal Zip Code verification program has been installed into the computer edit phase of the system to verify and correct if possible.

DEFINITION OF RATES

Absolute counts of health-related events do not readily lend themselves to analysis and comparison between years and various geographic areas because of population differences. These demographic differences include total number, age, and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number, such as a probability of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specified time.

In interpreting the conditions described by vital statistics rates, considerable caution must be observed. In particular, differences in rates from time to time or place to place may arise from a number of population differences and other confounding factors, and appropriate techniques (such as standardization) should be utilized in such comparisons. This factor has been taken into account in developing the rates used herewith.

Please note that some of the tables giving cause of death data were modified in 1979 to accommodate changes resulting from the adoption of a revised cause of death coding scheme, as set forth in The Ninth Revision of the International Classification of Diseases (ICD-9CM). The vast majority of cause of death categories, however, remain comparable with previous years' tables. Changes in definitions of rheumatic heart disease, nephritis and nephrosis, and hypertension, heart, however, between the Eighth Revision of the ICD and the Ninth Revision, has caused noticeable differences in the numbers of deaths attributed to those categories betwen 1978 and 1979 when ICD-9 went into effect.

The 1980 Census of Population and data was obtained from data released in Summary Tape File 1A (STF-1A) for New Jersey by the Office of Demographic and Economic Analysis, Department of Labor. Annual New Jersey population estimates are based on federal control totals developed jointly with the assistance of the NJ Department of Labor. All rates used in this report were developed using a projectional rate distribution after adjustments were made to account for the Natural Increase (of births minus deaths). The NJ/DOH only estimates essential population characteristics associated with New Jersey as age cohort totals by county by sex. The age, sex, and race estimates used as the basis for the rates were developed by the Center for Health Statistics using the "Proportionate Share Technique" controlled to the July 1, 1981 population estimates produced by the Department of Labor. These are crude estimates and were generated only to have a base from which to calculate rates.

DESCRIPTIVE STATISTICS

RATES, RATIOS, PROPORTIONS, AND INDICES

A. RATE: A rate measures the frequency of occurrence of some particular event. A rate is of the form:

$$\frac{x}{y} \times k$$

where

x = number of times an event has occurred during a specific interval of time.

y = number of persons exposed to the risk of the event during the same interval.

k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.

1. MORBIDITY RATES: Morbidity rates measure the frequency of illness within specific populations. Time and place must always be specified. The most commonly used morbidity rates include point prevalence, period prevalence, incidence, and attack rate as shown in Table E.

   a. PREVALENCE: Prevalence measures the frequency of all current cases of disease (old and new) and is of two types:

      (1) POINT PREVALENCE: Point prevalence measures the frequency of all current cases of a disease (old and new) at a given instant in time.

      (2) PERIOD PREVALENCE: Period prevalence measures the frequency of all current cases of disease (old and new) for a prescribed period of time.

   b. INCIDENCE: Incidence measures the rapidity with which a disease occurs or the frequency of addition of new cases of a disease. These new cases of disease occur either through onset of the disease on current members of the population or by immigration of persons already ill into the population. Incidence is always calculated for a given period of time.

   c. ATTACK RATE: An attack rate is an incidence rate usually expressed as a percent, used for particular populations, and observed for limited periods of time, as in an epidemic.

2. MORTALITY RATES: Mortality rates measure the frequency of deaths within specific populations and are calculated for a given time interval and place. Several general and specific formulae are used to describe mortality as shown in Table E.

3. NATALITY RATES: Natality rates measure the frequency of births (birth rates) and the probability of births (fertility rates) within specific populations and are calculated for a given time interval and place. Some frequently used natality rates and ratios are shown in Table E.

B. RATIO: A ratio is the expression of the relationship between a numerator and denominator which may involve either an interval in time or may be instantaneous in time. The ratio is of the form:

$$x : y \quad \text{or} \quad \frac{x}{y} \times k$$

where

x = number of events or items counted and not necessarily a portion of y.

y = number of events or items counted and not necessarily a population of persons exposed to the risk.

k = a base, as in the case of a rate, but usually 1 or 100 for the purposes of expressing ratios.

C. PROPORTION: A proportion is an expression in which the numerator is always included in the denominator, and the base is equal to 100. Therefore, a proportion is always expressed as a percent.

D. INDEX: An index is the best available approximation to a true rate. This usually occurs when we are unable to count directly the number at risk (denominator) and use something else which we can count to give us an impression of the number at risk.

Thus, for example, in order to calculate a maternal mortality rate, we should, strictly speaking, divide the number of deaths assigned to deliveries and complications of pregnancy, childbirth, and the puerperium by the total number of pregnancies occurring in a specified time interval. Since we are unable to count the total number of pregnancies, we replace this by the number of registered live births in order to obtain an estimate of the number of pregnancies. The resulting maternal mortality rate is therefore not a rate at all in the strict sense, but is nevertheless a useful *index* which gives an impression of the risk of dying associated with pregnancy.

TABLE A

FREQUENTLY USED RATES, RATIOS, PROPORTIONS, AND INDICES USED FOR DESCRIBING NATALITY, MORBIDITY, AND MORTALITY

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	NATALITY			
1.	Birth Rate			
	Crude; specific for age of mother, sex of child, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated mid-interval population	1,000
2.	Fertility Rate			
	(a) Theoretical Purposes	Number of live births reported during a given time interval from mothers aged 15-44 years	Estimated number of women in age group 15-44 years at mid-interval	1,000
	(b) Current Usage			
	Crude; specific for age of mother, race, socio-economic status, etc.	Number of live births reported during a given time interval	Estimated number of women in age group 15-44 years at mid-interval	1,000
3.	Low Birth Weight Ratio			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of live births under 2,500 grams (or 5½ lbs.) during a given time interval	Number of live births reported during the same time interval	100

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORBIDITY			
4.	Incidence Rate Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of new cases of a specified disease reported during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6$
5.	Attack Rate Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of new cases of a specified disease reported during a specific time interval	Total population at risk during the same time interval	Variable: 10^x where $x = 2, 3, 4, 5, 6$
6.	Point Prevalence Rate (Ratio) Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old, of a specified disease existing at a given point in time	Estimated population at the same point in time	Variable: 10^x where $x = 2, 3, 4, 5, 6$
7.	Period (Case-Load) Prevalence Rate (Ratio) Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old, of a specified disease occurring during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6$

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORTALITY			
8.	Crude Death Rate Crude; specific for age, race, sex, socioeconomic area, etc.	Total number of deaths reported during a given time interval	Estimated mid-interval population	1,000
9.	Cause-Specific Death Rate or Cause of Death Rate Crude by cause; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specific cause during a given time interval	Estimated mid-interval population	100,000
10.	Cause-Specific Death Ratio or Cause of Death Ratio or Proportional Mortality Ratio Crude by cause; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specified cause during a given time interval	Total number of deaths from all causes reported during the same interval	100 or 1,000
11.	Case Fatality Rate (Ratio) Death-to-Case Ratio Crude; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specified disease during a given time interval	Number of new cases of that disease reported during the same time interval	100

TABLE A (continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
12.	(a) Fetal Death Rate I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Fetal Death Rate II			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
13.	(a) Fetal Death Ratio I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000
	(b) Fetal Death Ratio II			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
14.	(a) Perinatal Mortality Rate I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under seven days of life during the same time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Perinatal Mortality Rate II			
	Crude; specific for age of mother, sex, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under 28 days of life during the same time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births reported during the same time interval	1,000
15.	Infant Mortality Rate			
	Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 1 year of age reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
16.	Neonatal Mortality Rate Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 28 days of age reported during a given time interval	Number of live births reported during the same time interval	1,000
17.	Postneonatal Mortality Rate			
	(a) Theoretical Purposes	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval less the number of deaths under 28 days of age	1,000
	(b) Current Usage Crude; specific for race, sex, socioeconomic area, cause of death, etc.	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval	1,000
18.	Maternal Mortality Rate Crude; specific for age of mother, race, socioeconomic area, etc.	Number of deaths assigned to causes related to pregnancy during a given time interval	Number of live births reported during the same time interval	10,000

NOTE: This section was taken from: Vital and Health Statistics Techniques of Community Health Analysis, Published by Center for Disease Control, U.S. Department of Health and Human Services

STATISTICAL FORMULAS USED IN COMPUTING BIRTH, DEATH AND MORBIDITY RATES

Crude Birth Rate - Expressed per 1,000 population.

$$\frac{\text{No. of Live Births}}{\text{Midyear population estimates}} \times 1{,}000$$

Fertility Rate - The number of live births to women aged 15-44 per 1,000 women in the same age group.

$$\frac{\text{No. of Live Births to Women Aged 15-44}}{\text{No. of Women aged 15-44}} \times 1{,}000$$

Crude Death Rate - Expressed per 1,000 population.

$$\frac{\text{No. of Deaths}}{\text{Midyear population estimates}} \times 1{,}000$$

Infant Mortality Rate - Expressed per 1,000 live births.

$$\frac{\text{No. of Deaths Under 1 Year}}{\text{No. of Live Births}} \times 1{,}000$$

Neonatal Mortality Rate - Expressed per 1,000 live births.

$$\frac{\text{Infant Deaths under 28 days}}{\text{No. of Live Births}} \times 1{,}000$$

Fetal Death Rate - Expressed per 1,000 live births.

$$\frac{\text{No. of Fetal Deaths}}{\text{No. of Live Births}} \times 1{,}000$$

Perinatal Mortality Rate - Expressed per 1,000 total deliveries (live births plus fetal deaths).

$$\frac{\text{No. of Deaths under 28 days + Fetal Deaths}}{\text{No. of Live Births + Fetal Deaths}} \times 1{,}000$$

Maternal Mortality Rate - Expressed per 10,000 live births.

$$\frac{\text{No. of Maternal Deaths}}{\text{No. of Live Births}} \times 10{,}000$$

Specific Cause-of-Death-Rate - Expressed per 100,000 population.

$$\frac{\text{No. of Deaths from a Specific Disease}}{\text{Midyear Population Estimate}} \times 100{,}000$$

Age-Specific Rates - Expressed per 100,000 population in a specified age group.

$$\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Estimated Population in the Same Age Group}} \times 100{,}000$$

Morbidity Rate - Expressed per 100,000 (10,000 or 1,000) population

$$\frac{\text{No. of Reported Cases of a Given Disease}}{\text{Midyear Population Estimate}} \times 100{,}000$$

DEFINITIONS

ABORTION	premature expulsion or removal from the uterus of the products of conception (the embryo or nonviable fetus).
ACCIDENT	that occurrence in a sequence of events which usually produces unintended injury, death or property damage.
ACCIDENT TYPE	describes the occurrence leading to injury or property damage.
AGE-SPECIFIC MORTALITY RATE	the number of deaths of a given age group per 100,000 estimated persons in that age group usually expressed as an annual rate.
AGENCY OR AGENT	the principal object such as tool, machine or equipment in the accident and is usually the object inflicting injury or property damage.
APGAR SCORE	composite measure used to evaluate the newborn infant's general condition. Apgar scores are given one and five minutes after birth. Heart rate, respiratory, effort, color, muscle tone and reflexes are checked and evaluated. Each factor receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of ten is optimum.
ASSOCIATED CAUSE OF DEATH	condition other than the underlying cause of death which may have contributed to the death.
BIRTH RATE	the number of live births per 1,000 population.
BIRTHWEIGHT	weight of fetus or infant at time of delivery (normally recorded in pounds and ounces or in grams).
CAUSE GROUP	a summary of deaths resulting from or cases of, related diseases as defined by the International Classification of Diseases Adapted For Use in the United States, published by the U.S. Department of Health, and Human Services; usually specified by a series of 3-digit codes; i.e. 140-208 malignant neoplasms.
DAY	(motor-vehicle accidents) is the time interval between sunrise and sunset.

DEATH RATE	the number of deaths per 100,000 poplulation.
DEATH FROM ACCIDENT	a death which occurs within one year of the accident.
DELIVERIES	live births plus reported fetal deaths.
DISABLING INJURY	an injury causing death, permanent disability, or any degree of temporary total disability beyond the day of the accident.
ESTIMATED POPULATION	the estimated number of persons in a given group based on the latest census data and adjusted for annual births, annual deaths and net migration.
FATAL ACCIDENT	an accident which results in one or more deaths within one year.
FERTILITY RATE	the number of live births to women aged 15-44 per 1,000 women in this age group, usually expressed as an annual rate.
FETAL DEATH	death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
FETAL DEATH RATES	the number of fetal deaths occurring in the twentieth week of gestation or later (required by law to be registered as fetal deaths) per 1,000 live births, usually expressed as an annual rate.
FIRST TRIMESTER	first twelve weeks of pregnancy, as determined by the history given by the patient considered in conjunction with the physician's estimation of length of pregnancy by clinical examination of the size of the uterus (NJAC 8:40-4.1).
HOME	a dwelling and its premises within the property lines, including in addition to the usual single-family dwellings and apartment houses, duplex dwellings, boarding and rooming houses and seasonal cottages. Excluded from Home are barracks, dormitories, and resident institutions.

HOMICIDE	the act of one person who kills another, includes deaths from injuries purposely inflicted by other persons, deaths from injuries resulting from intervention by law enforcement officers and deaths caused by legal execution.
HOSPITAL	health care facility licensed as a hospital in accordance with the statutes of New Jersey.
HYSTERECTOMY	excision of the uterus.
HYSTEROTOMY	incision of the uterus to remove the fetus before viability.
ILLEGITIMATE BIRTHS	a birth to an unwed woman, or to a woman whose husband did not father the infant.
ICD 9 CODE	a listing of disease classifications known as the "Ninth Revision International Classification of Diseases Adapted for Use in the United States," published by the United States Department of Health and Human Services, used in the statistical coding and tabulation of specific disease morbidity and mortality.
IMMATURE BIRTH	a live birth weighing 2,500 grams, (5 Lbs. 8 oz., or less).
INCIDENCE RATE	as defined by OSHA, is the number of injuries and/or illnesses or lost workdays per 100 full-time employees.
INFANT DEATH	death occurring to live born individual of less than 1 year of age.
INFANT MORTALITY RATE	the number of infant deaths per 1,000 live births, usually expressed as an annual rate.
LEGITIMATE BIRTH	a birth to a married women whose husband fathered the infant.
LIVE BIRTH	a live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration and pregnancy, which after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

MATERNAL DEATHS	those wherein the physician has designated a maternal condition as the underlying cause of death.
MATERNAL MORTALITY RATE	the number of maternal deaths per 10,000 live births, usually expressed as an annual rate.
MINOR CIVIL DIVISION	New Jersey Minor Civil Divisions are legally incorporated political subdivisions and are the local level of civil government. Cities, municipalities, townships, villages and town exhaust the area of the state all are exclusive (none overlaps another though may surround another).
MORTALITY	the number of deaths.
MOTOR VEHICLE	any mechanically or electrically powered device (except one moved by human power), not operating on rails, upon which or by which any person or property may be transported upon a land highway. The load on a motor vehicle or trailer attached to it, is considered part of the vehicle. Tractors and motorized machinery are included while self-propelled in transit or used for transportation. Also included are motor scooters, motorized bicycles and snowmobiles.
MOTOR VEHICLE ACCIDENT	any accident involving a motor vehicle in transport (in motion, in readiness for motion, or on roadway, but not parked in a designated parking area) that results in death, injury or property damage.
MOTOR VEHICLE TRAFFIC ACCIDENT	a motor vehicle accident which occurs on a trafficway -- a way or place, any part of which is open to the use of the public for purposes of vehicular traffic.
MOTOR VEHICLE NONTRAFFIC ACCIDENT	Any motor vehicle accident which occurrs entirely in any place other than a trafficway.
NEONATAL	of, relating to, or affecting the newborn and especially the human infant during the first month of life.
NEONATAL DEATH	live born infant who dies before completing four weeks (28 days) of life.

NEONATAL MORTALITY RATE	as used in this text, the number of deaths of infants under 28 days of age per 1,000 live births, per year.
NIGHT	(motor vehicle accident) is the time interval between sunset and sunrise.
NONFATAL INJURY ACCIDENT	an accident in which at least one person is injured and no injury terminates fatally.
NONMOTOR VEHICLE	any vehicle other than a motor vehicle, except a scooter, wheelchair, roller skates, ice skates, skis, baby carriage, and similar means of transportation; persons using these latter means of transportation are considered pedestrians.
OCCURRENCE DATA	data allocated by place where event occurred, regardless of the person's place of residence (marriages, divorces).
OUTPATIENT ABORTION FACILITY	licensed health care facility other than a hospital in which abortion procedures are performed.
OUT-OF-WEDLOCK BIRTH	birth wherein there is no marital tie between mother and father.
PEDACYCLE	a vehicle propelled by human power and operated solely by pedals, excludes mopeds.
PEDESTRIAN	any person who is not in or upon a motor vehicle or non motor vehicle (see definition of motor vehicle) included as pedestrians are persons using a coaster wagon, child's tricycle, roller skates, etc. Excluded are persons boarding, alighting, jumping or falling from a motor vehicle in transport.
PERINATAL	of, relating to, or affecting the fetus and the newborn, especially the human infant during the first month of life.
PERINATAL MORTALITY RATE	number of deaths of infant less than 28 days of age (Neonatal Deaths), and registered fetal deaths per 1,000 live births plus registered fetal deaths.
PERMANENT DISABILITY	(synonymous with permanent impairment) includes any degree of permanent impairment of the body, such as amputations, permanent impairment of vision and other

	permanently crippling nonfatal injury ranging from the permanent suffering of a joint or a finger amputation, to permanent, complete crippling.
PREMATURE BIRTHS	products of conception weighting less than five pounds, nine ounces (2,500 grams or less) at delivery or expulsion.
PROPERTY DAMAGE ACCIDENT	an accident which results in property damage, but in which no person is injured.
PROSTAGLANDIN	a class of drugs used to induce a second-trimester abortion; usually injected into the uterine cavity by a needle inserted through the abdominal wall or introduced as a vaginal suppository.
PUBLIC ACCIDENT	any accident other than motor-vehicle that occurs in the public use of any premises, includes deaths in recreation (swimming, hunting, etc.) transportation except motor-vehicle, public buildings, etc. and deaths from widespread natural disasters even though some may have happened on home premises. Excludes accidents to persons in the course of gainful employment.
RACE	(as relates to birth certificate) race for mother, father or as stated on the certificate. Race of child is determined from the race of the parents.
RACE-SPECIFIC MORTALITY RATE	number of deaths in a given race group per 100,000 estimated population in that ethnic group.
RATE	a rate measures the frequency of occurrences of some particular event. A rate is of the form: $\frac{x}{y} \times k$ Where x = number of times an event has occurred during a specific interval of time. y = number of persons exposed to the risk of the event during the same interval. k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.

RESIDENCE	usual place of residence of person to whom event occurred. For births and fetal deaths, residence is defined as the mother's place of residence.
RURAL	(for motor vehicle reporting) includes places of less than 5,000 inhabitants, except those classified as urban by the U.S. Census Bureau.
SALINE INSTILLATION	second-trimester method of induced abortion usually performed at or after 16 weeks of pregnancy by instilling a concentrated salt solution into the amniotic sac by a needle inserted through the abdominal wall.
SECOND AND THIRD TRIMESTERS	pregnancy of 13 or more weeks as determined by the history given by the patient, the physician's findings or clinical examination of the size of the uterus before the abortion, and/or the size of the fetus as examined after the abortion (NJAC 8:40-4.1).
SEX-SPECIFIC MORTALITY RATE	number of deaths of males/females per 100,000 estimated males/females in the population.
SHARP CURETTAGE	dilation of cervix and removal of the product of conception by a semi-sharp spoon-shaped instrument.
SUCTION CURETTAGE	dilation of cervix and removal of the products of conception by a vacuum method.
SUICIDE	the act or an instance of taking one's own life voluntarily and intentionally.
TEMPORARY TOTAL DISABILITY	an injury which does not result in death or permanent disability, but which renders the injured person unable to perform regular duties on one or more full calendar days after the day of the injury.
TRIMESTERS	1st - first 12 weeks of pregnancy 2nd - second 12 weeks of pregnancy 3rd - period after first 24 weeks of pregnancy
UNDERLYING CAUSE OF DEATH	that condition giving rise to the chain of morbid events leading to death, or the circumstances of the accident or violence that produced the fatal injury.

URBAN	(for motor vehicle reporting) includes places of 5,000 or more inhabitants, and the towns, townships and other areas classified as urban by the U.S. Census Bureau.
WORK HOURS	are the total number of hours worked by all employees. They are usually compiled for various levels, such as an establishment, a company or an industry. A work hour is the equivalent of one employee working one hour.
WORK INJURIES	(including occupational diseases) are those which arise out of and in the course of gainful employment regardless of where the accident occurrs. Excluded are work injuries to domestic servants and injuries occurring in connection with farm chores which are classified as home injuries.
WORKERS	are all persons gainfully employed, including owners, managers, other paid employees, the self-employed, and unpaid family workers, but excluding domestic servants.

Related Reports 1984

SECTION III

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NEW JERSEY
STATE AND COUNTY POPULATION ESTIMATES
BY
AGE, SEX, AND RACE

JULY 1, 1984

These estimates should only be used for statistical purposes as applied to health data.

NOTE: These age, sex, and race levels were developed using the Official State Estimates provisional for July 1, 1984 which were released by the Department of Labor, September, 1985. The age, sex, and race levels contained in this report are not official estimates and are intended for statistical use by health professionials in computation of morbidity and mortality rates by age, sex, and race characteristics and in projecting ranges of "need".

Center for Health Statistics
N.J. Department of Health
October, 1985

DATA AND ESTIMATING METHOD

The age, sex, and race estimates in this report were developed for Health Statistics Purposes Only. While these estimates are considered crude, they represent the only age, sex, and race data available for July 1, 1984. These estimates were generated, using as county controls, the Department of Labor's "Official State July 1, 1984 Population Estimates,"[1] which include values for total population by county, and residents aged 65 and over.

To generate the age, sex, and race proportionate shares for New Jersey and its 21 counties (except Cape May, Hunterdon, Sussex, and Warren) linear interpolation was performed between 1982 estimate values released by Richard Irwin at the U.S. Bureau of the Census and the 1990 Population Projections developed from the ODEA Economic - Demographic Model prepared by the New Jersey Department of Labor. These data were released to the Center for Health Statistics for internal use only and to be used to generate the estimates herewith presented. These 1990 population projections released to the NJ/DOH did not present age, sex, and race information for Cape May, Hunterdon, Sussex and Warren counties because of small values, especially for the nonwhite population. To generate values for Cape May, Hunterdon, Sussex, and Warren counties, the July 1, 1985 projections by the Department of Labor were used. Because these projections are not race specific, a proportionate shares technique was used to allocate race based on each county's racial composition reflected in Richard Irwin's 1982 county, age, race and sex estimates.

While the estimates herewith presented attempt to account for births, deaths, aging, and migration factors in the population through the use of linear interpolation between 1982 estimates and 1985 or 1990 projections (as described above) and statistical control to 1984 provisional county estimates, they are only very crude estimates. They are, however, all that are available in the absence of any hard indicators of actual population age distributions by race and sex that could be more ascertained through use of administrative records (i.e., medicare, school enrollment, driver's license, auto registration, taxation, etc.). These crude estimates were generated and are intended only for use by health professionals for statistical purposes such as computation of morbidity and mortality rates and health planning modeling of "need" for health care services by age, sex, and race at the county level.

Users should be aware that the 1984 base county population level used to generate these data may not agree to individual breakdowns, and that county values may not add to state values because of rounding and the different interpolation basis required for the four counties with the sparsest populations. It should also be noted that these estimates are not official and are only a guide as to the actual characteristics of the counties.

Footnotes:

[1] Provisional, Population Estimates for New Jersey - July 1, 1984. (Official State Estimates) N.J. Department of Labor, Office of Demographic and Economic Analysis - September, 1985.

[2] New Jersey Revised Total and Age and Sex Population Projections for July 1, 1985. New Jersey Department of Labor, Office of Demographic and Economic Analysis - July, 1983.

NEW JERSEY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	490078	195998	185878	381876	54761	53441	108202	250759	239319
5-9	475046	192042	182807	374849	50812	49386	100198	242853	232193
10-14	550367	224769	214672	439441	55979	54947	110926	280749	269619
15-19	597273	245675	235439	481114	57646	58512	116158	303321	293952
20-24	617029	251849	253285	505134	52090	59805	111895	303939	31309[illegible]
25-29	622423	256675	256379	513054	49859	59509	109368	306535	3158[illegible]
30-34	602974	248317	251404	499721	45965	57287	103252	294282	308691
35-39	547485	225670	232515	458185	40001	49298	89299	265672	281813
40-44	463507	188152	197994	386146	35483	41878	77361	223635	239872
45-49	409339	166521	177347	343868	29175	33747	62922	198245	211093
50-54	404631	169054	181258	350312	24097	28219	52316	195154	209478
55-59	409703	172274	190498	362772	20437	24729	45166	194475	215229
60-64	383144	160639	184674	345313	16235	20611	36846	177859	205285
65-69	324533	130272	165028	295300	12182	17052	29234	142454	182079
70-74	249666	95082	134370	229452	8007	12207	20214	103089	146577
75-79	176180	60673	101672	162345	5227	8608	13835	65900	110280
80-84	106632	32479	67005	99484	2450	4698	7148	34929	71703
85+	84989	21768	57635	79403	1655	3931	5586	23423	61566
All ages	7515000	3037910	3269862	6307772	562061	637865	1199926	3607273	3907727

ATLANTIC COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	12984	4989	4727	9716	1647	1621	3268	6636	6348
5-9	12550	4944	4634	9578	1477	1496	2973	6421	6129
10-14	14428	5684	5327	11011	1688	1730	3417	7372	7057
15-19	15333	5929	5660	11589	1883	1861	3744	7813	7521
20-24	15903	6263	6399	12662	1485	1756	3241	7748	8155
25-29	16848	7089	6761	13850	1291	1707	2997	8380	8468
30-34	16776	7360	6774	14134	1069	1574	2643	8429	8348
35-39	13774	5913	5684	11598	912	1265	2176	6825	6949
40-44	11072	4473	4632	9106	813	1153	1967	5287	5786
45-49	9582	3732	4074	7806	752	1024	1776	4484	5098
50-54	9851	3843	4286	8128	734	989	1723	4577	5275
55-59	10575	4089	4785	8875	710	990	1700	4799	5776
60-64	10823	4107	5102	9209	647	967	1614	4753	6070
65-69	9528	3503	4692	8196	513	820	1333	4016	5512
70-74	7750	2641	4021	6662	377	711	1088	3018	4732
75-79	6144	1943	3298	5241	355	548	903	2298	3846
80-84	3782	1130	2136	3266	174	342	516	1304	2478
85+	3195	801	1940	2741	151	304	455	952	2244
All ages	200900	78433	84934	163367	16677	20856	37533	95110	105790

BERGEN COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	43752	19859	18856	38715	2536	2500	5036	22395	21356
5-9	44519	20013	19080	39093	2779	2647	5426	22792	21727
10-14	55086	25111	23854	48965	3160	2962	6121	28271	26815
15-19	60724	28105	26821	54926	2862	2935	5798	30967	29756
20-24	64439	29395	29686	59081	2486	2873	5359	31880	32559
25-29	67018	30640	30126	60766	2885	3366	6252	33525	33493
30-34	66020	29208	29929	59137	3126	3757	6883	32334	33686
35-39	62579	26968	28287	55254	3427	3898	7325	30394	32185
40-44	55308	23086	25197	48283	3553	3472	7025	26639	28669
45-49	50669	21620	23945	45565	2626	2478	5104	24246	26423
50-54	53119	23481	25966	49446	1836	1837	3673	25317	27802
55-59	54907	24881	27292	52173	1310	1424	2734	26191	28716
60-64	50560	22858	25607	48465	949	1146	2095	23807	26753
65-69	40736	17622	21404	39025	727	983	1710	18348	22387
70-74	30680	12316	17208	29524	481	675	1156	12797	17883
75-79	21175	7592	12843	20435	260	481	741	7851	13324
80-84	12982	4056	8551	12607	128	247	375	4184	8798
85+	10227	2701	7264	9965	67	195	262	2768	7459
All ages	844500	369512	401914	771426	35198	37876	73074	404709	439791

BURLINGTON COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	26190	11012	10521	21533	2379	2278	4657	13392	12799
5-9	25868	10863	10296	21160	2405	2303	4708	13269	12599
10-14	29533	12312	11830	24143	2760	2630	5390	15072	14461
15-19	33894	14819	12267	27086	3859	2949	6808	18678	15216
20-24	34053	14023	12918	26941	4237	2875	7112	18261	15793
25-29	32063	12786	13562	26348	2837	2878	5715	15623	16440
30-34	32382	13928	13397	27325	2322	2735	5057	16251	16132
35-39	29744	12804	12412	25216	2122	2406	4528	14926	14818
40-44	24625	10340	10189	20528	1976	2121	4097	12315	12310
45-49	20889	8788	8630	17418	1754	1717	3471	10542	10347
50-54	19636	8308	8458	16766	1480	1390	2870	9788	9848
55-59	18741	8054	8421	16475	1160	1106	2266	9214	9527
60-64	16181	6983	7649	14632	788	761	1549	7771	8410
65-69	12424	5274	6193	11466	455	502	957	5729	6695
70-74	8791	3527	4675	8202	245	343	588	3773	5018
75-79	5843	2059	3410	5469	148	226	374	2207	3636
80-84	3630	1083	2322	3404	80	146	226	1163	2467
85+	3212	771	2282	3052	35	125	160	806	2406
All ages	377700	157736	159430	317167	31044	29490	60533	188780	188920

CAMDEN COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	36357	13999	13258	27257	4619	4481	9100	18618	17739
5-9	34522	13436	12792	26229	4230	4064	8294	17666	16856
10-14	38143	14970	14525	29495	4406	4242	8648	19376	18767
15-19	38893	15498	15182	30680	4109	4103	8213	19607	19286
20-24	39913	15792	16464	32256	3435	4221	7657	19227	20686
25-29	41687	16885	17078	33963	3386	4338	7724	20271	21416
30-34	39938	16086	16371	32457	3202	4279	7481	19288	20650
35-39	34709	13976	14511	28488	2758	3463	6221	16734	17975
40-44	28453	11229	12139	23368	2289	2796	5085	13518	14935
45-49	24452	9788	10532	20320	1897	2234	4132	11685	12766
50-54	24358	9903	10951	20854	1586	1918	3504	11489	12869
55-59	25141	10456	11561	22017	1423	1701	3124	11880	13262
60-64	23534	9770	11186	20956	1162	1416	2578	10932	12602
65-69	19546	7733	9694	17427	922	1197	2119	8655	10891
70-74	14893	5437	7933	13370	619	904	1523	6056	8837
75-79	10046	3234	5811	9045	416	585	1001	3650	6396
80-84	5930	1635	3813	5448	170	313	482	1805	4126
85+	4584	1123	3048	4171	106	307	413	1229	3355
All ages	485100	190951	206851	397802	40735	46563	87298	231687	253413

CAPE MAY COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	5512	2537	2436	4973	272	267	539	2809	2704
5-9	5132	2330	2308	4638	248	246	494	2578	2554
10-14	5520	2616	2418	5034	250	235	486	2866	2654
15-19	6855	3335	2846	6181	385	289	674	3720	3135
20-24	7051	3378	3141	6519	273	258	531	3651	3399
25-29	6505	3051	3049	6099	179	226	405	3230	3275
30-34	6293	3003	2877	5881	206	206	412	3210	3083
35-39	5467	2546	2552	5097	187	182	369	2733	2734
40-44	4387	2014	2064	4078	136	172	308	2151	2236
45-49	3795	1688	1856	3544	107	143	250	1796	1999
50-54	4013	1772	1991	3763	98	153	250	1870	2143
55-59	4858	2128	2479	4608	118	132	250	2246	2611
60-64	5614	2366	3013	5378	103	132	236	2469	3145
65-69	5679	2332	3097	5430	89	160	249	2421	3257
70-74	5117	2085	2799	4884	90	144	234	2174	2943
75-79	3615	1383	2100	3483	57	74	131	1440	2175
80-84	2052	714	1253	1967	37	48	85	751	1301
85+	1537	457	1016	1473	23	42	65	480	1057
All ages	89000	39735	43296	83030	2860	3110	5970	42594	46406

CUMBERLAND COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	9566	3844	3668	7513	1250	804	2054	5094	4472
5-9	9262	3779	3648	7427	1092	743	1835	4871	4391
10-14	10678	4347	4264	8611	1233	833	2066	5581	5097
15-19	11056	4582	4409	8991	1211	854	2065	5793	5263
20-24	10533	4157	4508	8665	1080	788	1869	5237	5296
25-29	10512	4266	4505	8771	1061	680	1741	5327	5186
30-34	9689	3969	4297	8266	821	602	1423	4790	4899
35-39	8743	3619	4036	7654	616	472	1088	4235	4508
40-44	7398	3072	3412	6484	522	392	914	3594	3804
45-49	6551	2714	3032	5746	448	357	805	3162	3389
50-54	6515	2701	3065	5766	413	336	749	3114	3402
55-59	6588	2685	3232	5918	363	307	670	3048	3540
60-64	6333	2577	3170	5747	319	268	586	2895	3438
65-69	5633	2247	2903	5149	267	216	483	2514	3119
70-74	4350	1698	2324	4022	163	165	328	1861	2489
75-79	3128	1129	1770	2899	123	106	229	1251	1876
80-84	1842	579	1149	1728	52	62	114	632	1211
85+	1413	388	916	1303	54	56	110	441	972
All ages	134000	52353	58308	110661	11087	8042	19129	63440	66351

ESSEX COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	59530	13673	13054	26727	16576	16228	32804	30249	29282
5-9	56702	13747	13123	26870	15151	14680	29831	28898	27803
10-14	65246	16340	15715	32055	16677	16514	33191	33017	32229
15-19	69638	17867	17455	35321	16676	17640	34316	34542	35095
20-24	72369	18994	19343	38337	15281	18751	34032	34275	38094
25-29	70402	18557	18614	37171	14687	18545	33232	33243	37159
30-34	65788	17536	18118	35654	12942	17191	30134	30479	35309
35-39	57830	15690	16930	32620	10710	14499	25210	26401	31429
40-44	49901	13388	14738	28126	9421	12354	21775	22809	27092
45-49	44644	12346	13801	26147	8042	10455	18497	20388	24256
50-54	43934	13255	14758	28013	7028	8893	15921	20283	23651
55-59	44506	14135	16281	30415	6168	7923	14091	20302	24204
60-64	40911	13395	15746	29141	5083	6687	11770	18478	22433
65-69	34424	10735	14325	25060	3829	5536	9365	14564	19861
70-74	26249	7959	11712	19672	2555	4022	6577	10514	15734
75-79	18850	5093	9235	14328	1617	2905	4521	6710	12140
80-84	11440	2943	6239	9182	740	1517	2257	3684	7756
85+	9138	2070	5351	7422	509	1207	1716	2579	6558
All ages	841500	227723	254537	482260	163692	195548	359240	391416	450084

GLOUCESTER COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	16102	7384	7067	14452	843	808	1651	8227	7875
5-9	14951	6852	6541	13393	781	777	1558	7634	7317
10-14	16640	7602	7346	14948	834	857	1691	8436	8204
15-19	17490	7828	7810	15639	903	948	1851	8732	8758
20-24	17488	7758	8110	15868	758	862	1620	8517	8971
25-29	18006	8272	8264	16536	653	816	1470	8926	9080
30-34	17475	7904	8057	15961	669	846	1515	8573	8903
35-39	15136	6890	6972	13862	593	681	1273	7483	7653
40-44	12377	5560	5647	11207	536	634	1170	6096	6281
45-49	10452	4726	4740	9467	450	535	985	5177	5275
50-54	10093	4492	4676	9168	414	511	925	4906	5187
55-59	9910	4353	4673	9026	407	477	884	4760	5150
60-64	9079	3945	4337	8282	361	437	797	4306	4773
65-69	7510	3124	3689	6814	312	384	696	3436	4074
70-74	5349	2056	2796	4852	218	278	497	2275	3074
75-79	3556	1210	2000	3211	126	220	345	1336	2220
80-84	2170	660	1348	2008	65	97	162	725	1444
85+	1816	416	1238	1655	65	96	161	482	1334
All ages	205600	91036	95312	186348	8989	10263	19252	100025	105575

HUDSON COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	38374	14329	13414	27743	5391	5240	10631	19720	18654
5-9	35798	13472	12812	26284	4772	4742	9515	18244	17554
10-14	39146	15116	14340	29456	4847	4843	9690	19963	19183
15-19	43045	16699	16392	33091	4839	5115	9954	21538	21507
20-24	48607	19414	19392	38806	4496	5305	9801	23910	24697
25-29	48328	19255	19215	38471	4668	5189	9857	23923	24405
30-34	44293	17152	17659	34811	4386	5095	9482	21538	22755
35-39	38225	14672	15572	30245	3662	4318	7980	18335	19890
40-44	32420	12375	13432	25806	3062	3552	6614	15437	16983
45-49	28981	11448	12658	24107	2268	2607	4875	13716	15266
50-54	29782	12246	13642	25888	1757	2138	3895	14003	15780
55-59	30764	12768	14698	27466	1436	1863	3298	14204	16560
60-64	29436	11992	14707	26699	1175	1562	2736	13167	16269
65-69	25000	9561	13216	22777	887	1336	2222	10448	14552
70-74	18969	6903	10582	17485	570	914	1484	7473	11496
75-79	13349	4314	8003	12316	366	667	1032	4679	8669
80-84	7953	2345	5104	7449	163	341	504	2508	5445
85+	6130	1565	4149	5714	111	305	416	1676	4454
All ages	558600	215629	238985	454614	48854	55132	103986	264483	294117

HUNTERDON COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	5632	2863	2705	5568	26	38	64	2889	2743
5-9	5858	2975	2791	5766	35	56	91	3010	2847
10-14	7131	3652	3371	7023	54	53	107	3706	3424
15-19	8814	4387	4015	8402	327	85	412	4714	4100
20-24	5901	2852	2783	5635	191	75	266	3043	2859
25-29	6104	2961	2992	5953	72	79	151	3034	3071
30-34	7898	3764	3968	7733	63	102	165	3827	4070
35-39	8814	4260	4387	8648	78	88	166	4339	4475
40-44	7627	3723	3766	7490	69	68	137	3793	3834
45-49	5679	2868	2726	5594	42	43	86	2910	2769
50-54	4973	2486	2421	4907	33	33	66	2519	2454
55-59	4739	2432	2250	4682	30	28	58	2462	2278
60-64	3830	1885	1893	3778	24	28	52	1909	1921
65-69	3006	1392	1577	2969	17	20	37	1409	1597
70-74	2301	978	1302	2280	9	12	21	986	1314
75-79	1635	618	992	1610	10	15	25	628	1007
80-84	1025	309	706	1015	6	4	10	315	710
85+	833	205	618	823	2	8	10	206	626
All ages	91800	44611	45266	89877	1089	835	1923	45699	46101

MERCER COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	19516	6796	6513	13309	3128	3079	6207	9924	9592
5-9	18602	6690	6420	13110	2788	2704	5492	9478	9124
10-14	21915	7982	7810	15792	3015	3109	6124	10997	10919
15-19	27696	10607	10408	21015	3202	3479	6681	13809	13887
20-24	29783	11971	11260	23230	3030	3523	6552	15000	14783
25-29	26791	10218	10206	20424	2997	3370	6367	13215	13576
30-34	24353	9260	9610	18870	2508	2976	5483	11768	12585
35-39	22053	8687	9080	17767	1899	2386	4286	10587	11466
40-44	18733	7353	7735	15089	1582	2062	3644	8935	9798
45-49	16480	6436	6848	13284	1417	1779	3196	7853	8627
50-54	16473	6541	7038	13579	1280	1614	2894	7821	8652
55-59	17140	6776	7634	14410	1198	1532	2730	7974	9166
60-64	16366	6501	7578	14080	991	1294	2286	7493	8873
65-69	13816	5189	6753	11942	795	1078	1874	5985	7831
70-74	9994	3584	5289	8873	468	654	1121	4051	5943
75-79	7095	2268	4090	6358	302	435	737	2570	4525
80-84	4366	1264	2701	3965	142	260	402	1405	2961
85+	3528	832	2411	3243	91	194	285	923	2605
All ages	314700	118955	129383	248339	30832	35529	66361	149787	164913

MIDDLESEX COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	37215	16397	15325	31722	2792	2701	5493	19188	18026
5-9	35537	15887	14989	30877	2367	2293	4660	18255	17282
10-14	42665	19071	18064	37135	2832	2697	5530	21903	20762
15-19	53573	24061	22803	46864	3398	3311	6709	27459	26114
20-24	60824	27111	26690	53801	3340	3684	7023	30450	30374
25-29	56981	25283	24834	50117	3394	3470	6864	28677	28304
30-34	52165	22573	22801	45373	3251	3541	6792	25824	26341
35-39	45418	19458	20040	39498	2912	3009	5920	22370	23049
40-44	37770	16056	16930	32986	2428	2357	4784	18484	19286
45-49	33311	14457	15402	29860	1794	1657	3451	16252	17059
50-54	33529	15157	15864	31021	1270	1238	2508	16427	17102
55-59	34157	15560	16598	32158	965	1034	1999	16525	17632
60-64	31055	14116	15371	29487	716	852	1568	14832	16223
65-69	24549	10573	12787	23360	476	713	1189	11049	13500
70-74	17202	7042	9365	16406	333	462	795	7375	9827
75-79	10842	3907	6432	10339	196	306	503	4103	6738
80-84	6158	1880	4036	5916	98	144	242	1978	4180
85+	4849	1267	3432	4699	46	105	150	1313	3536
All ages	617800	269855	281763	551618	32609	33573	66182	302464	315336

MONMOUTH COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	33820	14880	14302	29183	2386	2251	4637	17266	16554
5-9	34405	15306	14664	29970	2286	2149	4435	17592	16813
10-14	40733	18181	17474	35655	2572	2505	5078	20754	19979
15-19	41687	18702	17868	36570	2530	2587	5117	21232	20455
20-24	38726	17012	17256	34268	2053	2406	4458	19064	19662
25-29	40351	17690	18381	36071	1938	2342	4280	19628	20722
30-34	42068	18758	19154	37912	1860	2296	4156	20618	21450
35-39	40699	18455	18548	37003	1623	2073	3696	20078	20622
40-44	34300	15418	15563	30981	1495	1824	3319	16913	17386
45-49	29524	13112	13517	26629	1315	1580	2895	14427	15097
50-54	28035	12524	12943	25467	1172	1397	2568	13696	14339
55-59	27082	11743	12986	24729	1069	1283	2352	12812	14269
60-64	25170	10842	12338	23181	865	1125	1990	11707	13463
65-69	21554	8794	11184	19978	659	918	1576	9453	12101
70-74	16999	6602	9197	15800	471	729	1200	7073	9927
75-79	12552	4325	7389	11714	315	523	838	4640	7912
80-84	7931	2368	5100	7468	174	288	462	2543	5388
85+	6764	1710	4680	6390	114	260	375	1824	4940
All ages	522400	226423	242544	468967	24897	28537	53433	251320	271080

MORRIS COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	25708	12349	11692	24042	851	816	1667	13200	12508
5-9	26364	12548	12075	24623	894	846	1740	13442	12921
10-14	32052	15515	14720	30236	949	868	1817	16464	15588
15-19	33689	16180	15751	31931	867	891	1758	17047	16643
20-24	32292	15107	15490	30597	786	909	1695	15893	16398
25-29	35106	16650	16474	33124	959	1023	1982	17609	17497
30-34	36699	17363	17162	34525	1006	1169	2174	18369	18330
35-39	35565	16638	16792	33431	1059	1075	2134	17697	17867
40-44	29980	13726	14372	28097	958	924	1882	14684	15296
45-49	25873	12176	12404	24579	669	625	1294	12845	13029
50-54	23720	11408	11389	22797	459	463	922	11867	11853
55-59	21959	10558	10682	21240	342	377	719	10900	11059
60-64	18093	8518	9038	17556	244	292	536	8762	9331
65-69	13688	5979	7305	13285	171	232	404	6151	7538
70-74	10022	3985	5790	9776	98	148	247	4084	5938
75-79	7180	2512	4496	7008	60	112	172	2572	4608
80-84	4732	1353	3296	4649	22	61	82	1375	3357
85+	4378	998	3313	4311	11	56	67	1008	3369
All ages	417100	193564	202243	395806	10405	10889	21294	203969	213131

OCEAN COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	25129	12200	11555	23755	691	683	1374	12891	12238
5-9	23587	11419	10917	22336	634	617	1251	12053	11535
10-14	25907	12569	11984	24553	676	678	1354	13245	12662
15-19	25231	12254	11606	23860	712	659	1371	12966	12265
20-24	24126	11435	11533	22967	561	598	1159	11995	12131
25-29	25570	12191	12339	24531	495	545	1039	12686	12884
30-34	25851	12282	12612	24893	439	518	958	12721	13130
35-39	23990	11449	11671	23121	386	484	870	11835	12155
40-44	19890	9446	9668	19114	353	423	776	9799	10091
45-49	15976	7493	7815	15307	302	367	668	7794	8182
50-54	15119	6979	7594	14573	262	283	545	7241	7878
55-59	16271	7115	8698	15813	216	242	459	7331	8940
60-64	19953	8368	11255	19623	153	178	330	8521	11432
65-69	25110	10418	14351	24769	130	212	342	10548	14563
70-74	24355	10268	13901	24169	75	112	186	10343	14012
75-79	18432	7636	10621	18257	90	84	175	7727	10705
80-84	10278	4075	6123	10198	33	47	80	4108	6171
85+	6525	2144	4337	6480	18	26	44	2162	4363
All ages	371300	169740	188579	358320	6225	6755	12980	175965	195335

PASSAIC COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	32400	12781	12093	24873	3742	3785	7526	16522	15877
5-9	30491	12098	11498	23597	3450	3444	6894	15548	14942
10-14	33863	13433	12820	26252	3777	3833	7611	17210	16653
15-19	36281	14179	14089	28268	3866	4147	8013	18044	18236
20-24	39262	15498	16122	31619	3332	4310	7642	18830	20432
25-29	39336	16272	16016	32289	3053	3994	7047	19326	20010
30-34	36135	14710	15114	29825	2691	3620	6311	17401	18735
35-39	31901	13003	13618	26621	2269	3012	5281	15272	16630
40-44	26959	10827	11529	22356	2038	2564	4603	12865	14094
45-49	23740	9643	10419	20061	1670	2009	3678	11312	12427
50-54	23765	10013	10804	20818	1352	1596	2948	11365	12400
55-59	24346	10382	11571	21953	1077	1316	2393	11459	12887
60-64	22922	9714	11368	21082	791	1049	1840	10505	12417
65-69	19112	7704	9974	17678	574	859	1433	8278	10833
70-74	14621	5673	8070	13744	299	578	877	5973	8648
75-79	10451	3566	6309	9875	228	348	577	3794	6658
80-84	6601	2002	4305	6307	89	206	294	2091	4510
85+	5515	1442	3865	5307	57	152	209	1499	4017
All ages	457700	182939	199584	382523	34354	40823	75177	217293	240407

SALEM COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	4816	2009	1857	3866	488	462	950	2497	2319
5-9	4775	1965	1831	3796	500	479	979	2464	2310
10-14	5315	2234	2050	4284	523	508	1031	2757	2559
15-19	5363	2193	2105	4298	518	546	1065	2712	2651
20-24	4952	2009	2063	4071	393	487	881	2402	2550
25-29	5057	2132	2157	4289	343	425	768	2475	2582
30-34	4968	2102	2144	4246	323	398	722	2425	2543
35-39	4534	1945	2004	3949	261	324	585	2206	2328
40-44	3851	1669	1679	3348	215	287	502	1884	1967
45-49	3385	1431	1499	2930	205	250	455	1636	1749
50-54	3400	1421	1516	2937	194	269	463	1615	1785
55-59	3480	1403	1600	3003	215	262	477	1619	1862
60-64	3404	1359	1606	2965	193	247	440	1551	1853
65-69	3016	1218	1411	2629	166	222	388	1384	1633
70-74	2212	836	1085	1921	136	155	291	973	1239
75-79	1490	520	787	1306	85	99	184	604	886
80-84	912	277	522	799	43	70	112	320	592
85+	770	189	487	677	33	60	93	222	548
All ages	65700	26912	28402	55314	4833	5553	10386	31746	33954

SOMERSET COUNTY

1984
Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	11992	5402	5225	10627	701	665	1366	6102	5890
5-9	12429	5612	5379	10991	733	705	1438	6345	6084
10-14	15232	6967	6641	13608	885	740	1625	7851	7381
15-19	16142	7590	7145	14735	713	694	1407	8303	7839
20-24	15867	7393	7215	14608	596	663	1259	7989	7878
25-29	17497	8131	7868	15999	670	828	1498	8801	8696
30-34	18188	8431	8116	16547	738	903	1641	9168	9020
35-39	16986	7574	7749	15323	798	865	1663	8372	8615
40-44	14498	6388	6770	13159	673	666	1339	7062	7436
45-49	13151	5920	6250	12170	493	487	980	6413	6738
50-54	12918	6037	6143	12180	375	363	738	6412	6506
55-59	12233	5762	5867	11629	303	302	605	6064	6169
60-64	10468	4943	5069	10012	208	248	456	5151	5317
65-69	7772	3501	3954	7455	155	163	318	3656	4117
70-74	5324	2167	2960	5128	86	110	196	2253	3071
75-79	3703	1259	2312	3571	47	86	132	1306	2397
80-84	2375	694	1594	2288	34	53	87	728	1647
85+	2125	506	1556	2063	24	39	62	530	1595
All ages	208900	94278	97813	192091	8229	8580	16809	102507	106393

SUSSEX COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	9060	4584	4321	8905	78	77	155	4662	4398
5-9	9395	4781	4461	9242	86	66	153	4867	4528
10-14	10113	5133	4855	9987	69	56	125	5202	4911
15-19	10207	5071	4990	10060	91	55	147	5162	5045
20-24	7538	3332	4091	7423	68	46	115	3401	4137
25-29	8211	3860	4246	8106	53	52	105	3913	4298
30-34	11716	5575	5974	11549	75	93	167	5650	6067
35-39	12076	5947	5969	11916	79	81	160	6026	6050
40-44	8978	4570	4287	8857	64	57	121	4635	4343
45-49	6061	3162	2833	5995	35	31	66	3197	2864
50-54	4962	2499	2413	4912	28	23	51	2527	2436
55-59	4801	2411	2349	4759	23	19	42	2434	2367
60-64	4283	2041	2220	4261	9	13	22	2050	2232
65-69	3827	1691	2122	3812	5	10	15	1696	2131
70-74	3016	1302	1701	3003	5	8	13	1307	1709
75-79	2089	820	1258	2078	3	8	11	823	1265
80-84	1333	434	895	1329	2	2	4	436	897
85+	1234	320	908	1228	2	4	7	322	912
All ages	118900	57533	59889	117421	777	701	1479	58310	60590

UNION COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	29672	10745	10098	20843	4485	4344	8829	15230	14442
5-9	28889	10615	10014	20629	4207	4053	8261	14822	14067
10-14	34150	12615	11974	24590	4846	4715	9561	17462	16689
15-19	37420	13827	13616	27443	4912	5065	9977	18739	18681
20-24	39832	15165	15184	30349	4342	5141	9483	19507	20325
25-29	40594	15673	15218	30891	4332	5371	9703	20005	20590
30-34	39197	14726	14870	29596	4385	5217	9602	19111	20087
35-39	35533	13294	13912	27206	3755	4572	8327	17049	18484
40-44	30930	11477	12199	23676	3376	3878	7254	14853	16077
45-49	28468	10628	11693	22321	2918	3228	6146	13546	14921
50-54	29649	11629	13032	24660	2344	2645	4989	13972	15677
55-59	31836	12853	14736	27588	1953	2294	4248	14806	17030
60-64	30029	12498	14270	26767	1475	1787	3262	13973	16056
65-69	24739	9860	12434	22294	1044	1401	2445	10904	13835
70-74	18614	6938	9955	16894	720	1000	1720	7658	10956
75-79	12861	4408	7309	11717	428	716	1144	4836	8025
80-84	7710	2254	4847	7102	201	407	608	2455	5255
85+	6077	1558	4044	5602	128	347	475	1685	4392
All ages	506200	190763	209405	400168	49851	56182	106032	240614	265586

WARREN COUNTY

1984

Population Estimates for Computation of Health Rates Only

	TOTAL	WHITE MALES	WHITE FEMALES	WHITE TOTAL	NONWHITE MALES	NONWHITE FEMALES	NONWHITE TOTAL	TOTAL MALES	TOTAL FEMALES
UNDER 5	5524	2780	2624	5404	61	59	120	2842	2682
5-9	5660	2850	2688	5538	59	64	122	2909	2752
10-14	6440	3185	3104	6289	77	74	151	3262	3178
15-19	7202	3399	3644	7044	81	78	158	3480	3722
20-24	6169	2735	3335	6070	48	51	99	2783	3386
25-29	6376	3107	3168	6275	46	55	101	3153	3223
30-34	7285	3594	3568	7162	57	67	123	3651	3634
35-39	6791	3313	3363	6676	49	65	115	3362	3429
40-44	5430	2683	2636	5319	50	61	111	2733	2697
45-49	4143	2023	2031	4054	40	49	89	2063	2080
50-54	4185	1984	2134	4118	30	37	67	2014	2170
55-59	4431	2123	2257	4380	24	27	51	2147	2284
60-64	4165	1880	2235	4115	24	26	50	1904	2261
65-69	3917	1684	2195	3878	11	27	38	1695	2222
70-74	3127	1251	1841	3092	15	21	36	1266	1862
75-79	2148	817	1306	2123	4	21	26	821	1328
80-84	1275	404	862	1266	3	6	9	407	868
85+	1033	261	756	1017	4	11	15	265	767
All ages	85300	40072	43747	83820	683	797	1480	40755	44545

SUICIDES

1980-1984

CENTER FOR HEALTH STATISTICS
NEW JERSEY DEPARTMENT OF HEALTH

BACKGROUND

Durkheim (1951) was the first social researcher to do an in-depth study of social factors which affect risk of suicide. He observed that suicide rates were higher among Protestants than Catholics, higher among the divorced than among the married, and higher during periods of political lethargy than during crisis. Later Dublin (1963) pointed out that older white males, urban dwellers, and the divorced and widowed had markedly elevated risks of suicide. In Dublin's own words: "We have seen that certain environmental factors - economic conditions, city life, religious affiliations, social customs, and laws and traditions - influence the prevalence of suicide. It also differs markedly in various groups of the world's population with relatively high rates in some areas, low rates in others, and striking differences in the two sexes, in the several age periods, and in the principal races into which mankind is divided."

New Jersey had the lowest suicide rate of any state in the nation in 1980 according to the Centers for Disease Control Suicide Surveillance report issued March 1985: 7.4* suicide deaths per 100,000 population in New Jersey compared to the highest in Nevada (22.9 per 100,000) population. New Jersey's suicide rate has increased by 12.8% in the five year period 1980 to 1984 to a rate of 8.6 per 100,000 population in 1984.

A Youth Suicide Prevention Act (N.J.P.L. 1985, Chapter 195, also N.J.S.A. 30:9A-12) established suicide intervention programs in the schools and crisis intervention programs for adolescents and their families. Information on services available may be obtained from:

Maureen Underwood
Coordinator
Adolescent Suicide Prevention Project
Division of Mental Health and Hospitals
Department of Human Services
CN 700
Trenton, New Jersey 08625-0700
(609) 987-0890

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*New Jersey official statistics show a suicide rate of 7.8 per 100,000 population in 1980.

INTRODUCTION

Suicide is a serious public health problem, but less so in New Jersey than nationally. In 1980 suicide was the 13th ranking cause of death in New Jersey (among persons of all ages) and the 10th ranking cause of death nationally. In 1984 suicide ranked as the 12th leading cause of death in New Jersey and the 8th leading cause of death nationally. While suicide is a concern at every age (beyond 1 year) its rank as a leading cause of death is highest among New Jerseyans aged 15-24, where it is tied with homicide as the second leading cause of death. Suicide drops steadily as a leading cause of death from increasing ages to 17th place for persons above age 65 (Table 1) in New Jersey.

New Jersey's rate of suicides per 100,000 population has risen from 7.8 to 8.6 between 1980 and 1984, but New Jersey's suicide rate is far below that of the U.S.: 12.3 per 100,000 persons in 1984 (Figure 1 and Table 2).

White males consistently have the highest suicide rates of any race and sex category (Figure 2 and Table 3). Nonwhite males had the second highest rates followed by white females and nonwhite females. Rates have risen in all 4 race sex groups over the period from 1980 to 1984.

Suicide as a Leading Cause of Death
By Age Group for New Jersey Residents
1984

	Age Group					
Rank	1-14	15-24	25-44	45-64	65+*	Total**
1	Accidents 156	Accidents 411	Malignant Neoplasms 661	Malignant Neoplasms 5,116	Heart Diseases 22,081	Heart Diseases 27,431
2	Malignant Neoplasms 62	Suicide 115	Accidents 566	Heart Diseases 4,803	Malignant Neoplasms 10,738	Malignant Neoplasms 16,655
3	Congenital Anomalies 41	Homicide 115	Heart Diseases 496	Cerebrovascular Diseases 601	Cerebrosvascular Diseases 3,870	Cerebrovascular Diseases 4,605
4	Homicide 20	Malignant Neoplasms 78	Suicide 242	Chronic Liver Diseases and Cirrhosis 489	Pneumonia and Influenza 1,629	Accidents 2,076
5	Symptoms, Signs and Ill-Defined Conditions 14	Heart Diseases 38	Chronic Liver Diseases Cirrhosis 176	Accidents 357	Diabetes Mellitus 1,057	Pneumonia and Influenza 1,933
6	Heart Diseases 13	Pneumonia and Influenza 13	Homicide 169	Diabetes Mellitus 308	Arteriosclerosis 709	Diabetes Mellitus 1,412
7	Infectious and Parasitic 9	Cerebrovascular Diseases 11	Cerebrovascular Diseases 116	Pneumonia and Influenza 204	Nephritis and Nephrosis 658	Chronic Liver Diseases and Cirrhosis 1,025
8	Cerebrovascular Diseases 17	Symptoms, Signs and Ill-Defined Conditions 11	Symptoms, Signs and Ill-Defined Conditions 85	Suicide 175	Septicemia 605	Nephritis and Nephrosis 810
9	Suicide 5	Congenital Malformations 10	Pneumonia and Influenza 82	Artery, Arterioles, and Capillary 119	Accidents 586	Arteriosclerosis 763
10	Pneumonia and Influenza 5	Infectious and Parasitic Diseases 9	Infectious and Parasitic Diseases 81	Nephritis and Nephrosis 117	Artery, Artericles and Bronchiolitis 579	Septicemia 750
11	***	***	Diabetes Mellitus 47	Septicemia 96	Chronic Liver Disease and Cirrhosis 360	Artery, Arterioles, and Capillary 724
12	***	***	Septicemia 42	Homicide 85	Emphysema 317	Suicide 649
Residual****	124	102	668	1,597	5,804	8,986
Total Deaths	415	913	3,431	14,067	48,993	67,819

* Suicides are the 17th ranking cause of death among those persons aged 65 and above with 112 deaths from suicide in that age group.

** Excludes persons 1 year of age and persons of unknown age.

*** Rankings 11 and 12 not shown for young age groups because of small number of cases in categories.

**** Deaths from all other causes.

TABLE-2

NUMBER OF DEATHS FROM SUICIDE FOR NEW JERSEY AND SUICIDE RATES* FOR NEW JERSEY AND THE UNITED STATES: 1980-1984

	NEW JERSEY		UNITED STATES
YEAR	Number	Rate	Rate
1980	576	7.8	11.9
1981	554	7.4	12.3
1982	605	8.1	12.0
1983	572	7.7	12.4
1984	650	8.6	12.3

*Rate per 100,000 population.

Figure 1

Suicide Rates per 100,000 Population
New Jersey and the United States: 1980-1984

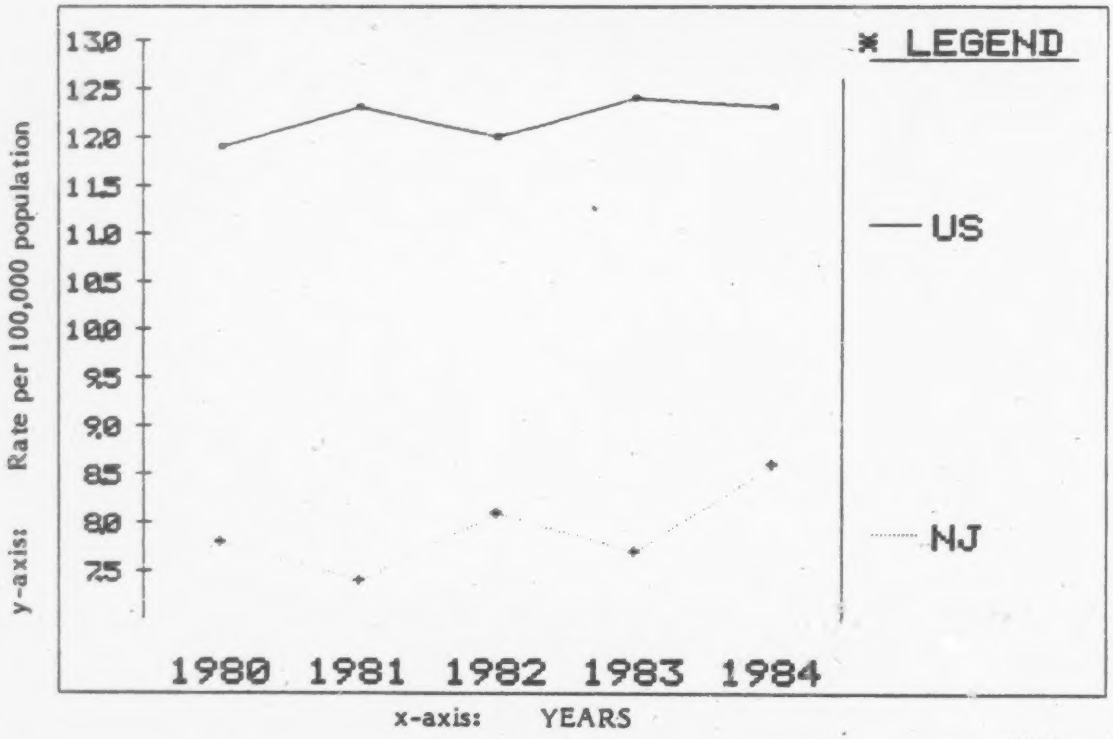


TABLE-3

NUMBER AND RATE OF DEATHS FROM SUICIDE FOR NEW JERSEY RESIDENTS 1980-1984

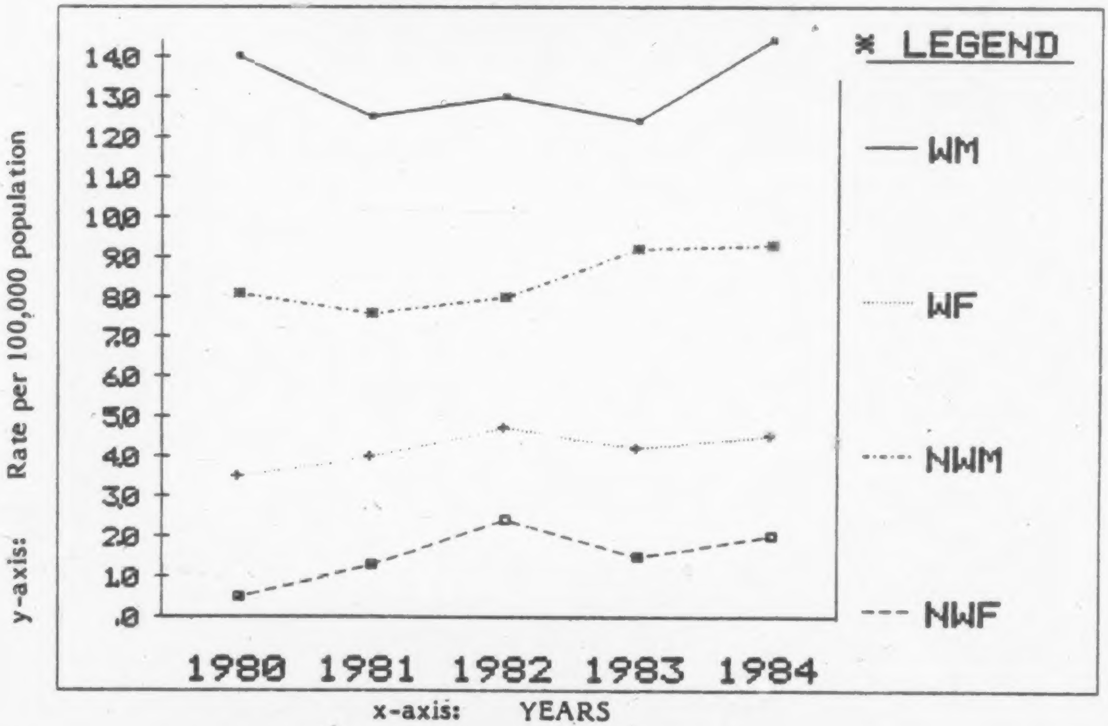
YEAR	WHITE				NONWHITE				TOTAL			
	Male		Female		Male		Female		Male		Female	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
1980	413	14.0	111	3.5	47	8.1	3	0.5	461**	13.0	115**	3.0
1981	374	12.5	130	4.0	42	7.6	8	1.3	416	11.7	138	3.6
1982	394	13.0	154	4.7	42	8.0	14	2.4	437**	12.3	168	4.4
1983	376	12.4	137	4.2	50	9.2	9	1.5	426	11.9	146	3.8
1984	437	14.4	147	4.5	52	9.3	13	2.0	489	13.6	160	4.1

* Rate per 100,000 population

** In 1980 there was two cases of unknown race, one male and female; in 1982 there was one male of unknown

Figure 2

Title: Suicide Rates Per 100,000 Population by Race and Sex for New Jersey Residents: 1980-1984



TRENDS BY AGE

Nationally, suicides at young ages were of such concern that a public health objective was formulated: "By 1990, the rate of suicide among people 15-24 should be below 11 per 100,000." New Jerseyans have been below the objective for each of the five years studies, but the rate rose from 7.9 to 9.5 per 100,000 between 1983 and 1984 (Table 4).

Suicide rates tended to increase with age (Figure 3 and Table 4). Between 1983 and 1984 there was an increase in suicide rates for each age group, except those over 65. In 1984, New Jersey's suicide rate for persons aged 65 and over was 11.9 per 100,000 population compared to 19.4 per 100,000 population nationally. According to Grollman (1971), the elderly commit suicide the most of any age group, but attempt suicide the least. According to Busse and Pfeiffer (1969) the impact of retirement, especially for men, of physical decline, or somatic illness are among the speculated reasons why older people take their lifes. Loss of a mate is well known to increase the risk of suicide (Parkes, 1969; MacMahon and Pugh, 1965); and cancer diagnosis may as much as double the risk (Marshall, J.R., 1983).

Of the 112 geriatric (65 and above) suicides in New Jersey in 1984, 73 (or 65.2%) were white males; methods of lethality for white males aged 65 and over tended to be firearms (30 or 41.1%) and hanging (24 cases or 32.9%).

Adolescent suicides (Table 5) were the highest in New Jersey in 1984 with 47 cases compared to 36 in 1983. The median age among teenage suicides showed fluctuations over the 5 years studied ranging from 17.6 years in 1983 to 16.9 years in 1984. In New Jersey in 1984 the suicide rates for persons aged 1-14 and aged 15-24 were .4 and 9.5 per 100,000 persons (compared to national rates of .6 and 12.2 per 100,000 respectively).

Median ages for persons who died of suicide by race and sex over the five years studies are shown in Table 6. Males tended to commit suicide at younger ages than females; nonwhites tended to show less of an age differential based on sex than whites and tended to commit suicide at younger ages than whites of the same sex. A complete age distribution by sex and race is shown in Table 7 for 1984 cases.

TABLE-4
SUICIDE BY AGE GROUP
NEW JERSEY: 1980-1984

		AGE GROUP					
YEAR	TOTAL	5-14	15-24	25-44	45-64	65+	Median Age
1980	576	3	131	173	162	107	42.8
1981	552	7	92	207	138	108	42.1
1982	605	3	111	227	160	102	41.6
1983	572	2	97	214	145	114	42.5
1984	650	5	115	242	175	112	41.9

SUICIDE RATES PER 100,000 POPULATION
NEW JERSEY: 1980-1984

		AGE GROUP				
YEAR	TOTAL	5-14	15-24	25-44	45-64	65+
1980	7.8	0.3	10.2	8.6	10.0	12.4
1981	7.4	0.6	7.3	10.0	8.6	12.3
1982	8.1	0.3	8.9	10.7	10.0	11.4
1983	7.7	0.2	7.9	9.8	9.0	12.3
1984	8.6	0.5	9.5	10.8	10.9	11.9

Figure 3
Title: Suicide Rates per 100,000 Population by Age Groups for New Jersey Residents: 1980 to 1984

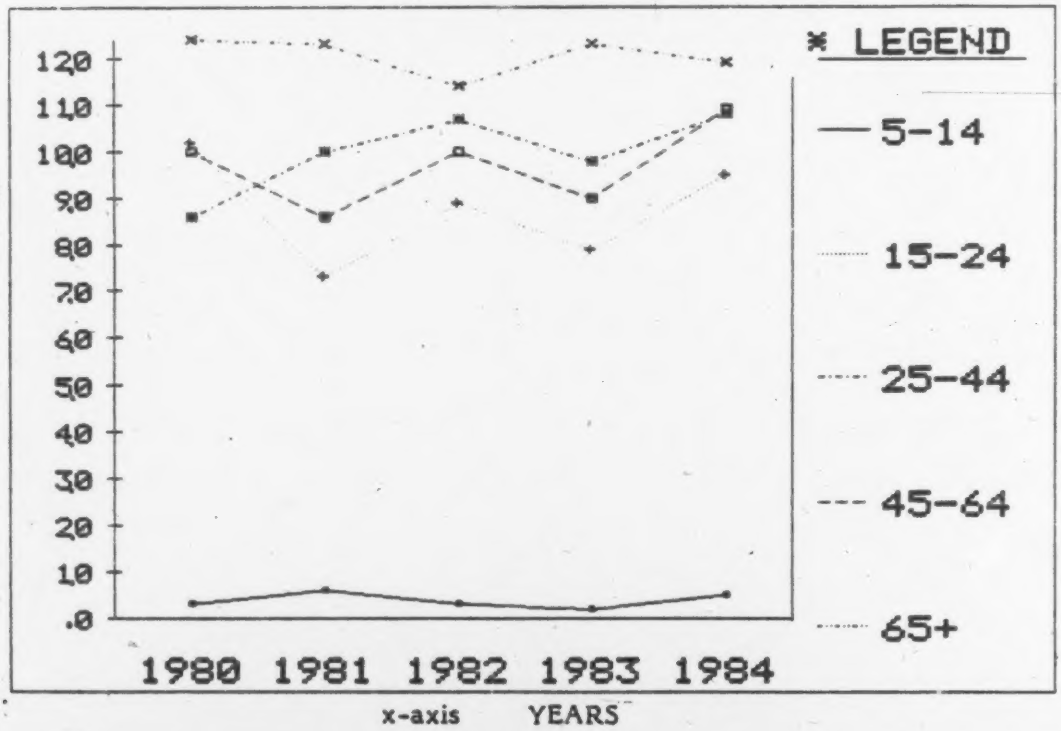


TABLE-5

SUICIDES BY AGE FOR PERSONS 24 YEARS OF AGE AND UNDER FOR NEW JERSEY RESIDENTS: 1980-1984

YEAR	AGE GROUP										Median Age Among Adolescents
	13	13	14	15	16	17	18	19	19	20-24	
1980	0	1	2	4	5	6	10	17	45	89	17.5
1981	3	1	3	1	5	4	6	14	37	62	17.0
1982	1	0	2	3	6	9	10	13	44	70	17.3
1983	1	0	1	0	6	6	10	12	36	63	17.6
1984	1	1	3	4	9	10	10	9	47	73	16.9

TABLE-6

MEDIAN AGE AT DEATH FROM SUICIDE BY RACE AND SEX FOR NEW JERSEY RESIDENTS: 1980-1984

	WHITE		NONWHITE		TOTAL	
YEAR	Male	Female	Male	Female	Male	Female
1980	40.8	51.7	37.1	55.0	40.3	52.0
1981	41.5	47.3	35.6	36.4	40.8	45.8
1982	40.7	47.3	34.5	37.0	40.0	45.9
1983	42.0	48.7	34.1	35.0	41.0	48.0
1984	40.5	51.1	34.5	35.0	39.8	49.9

TABLE-7

AGE AT DEATH AND MEDIAN AGE AMONG SUICIDES FOR NEW JERSEY RESIDENTS 1984

Race Sex Group	AGE								
	5	5-14	15-24	25-44	45-64	65+	Unknown	Total	Median Age
White Males	0	2	82	174	106	73	0	437	40.5
White Females	0	3	13	41	54	36	0	147	51.1
Nonwhite Males	0	0	16	21	12	2	1	52	34.5
Nonwhite Females	0	0	4	5	3	1	0	13	35.0

*1 White person aged 25-44 for whom sex is unknown.

METHODS OF LETHALITY

Method of suicide over time, 1980 to 1984, was shown in Table 8. Most frequently employed methods were firearms and hanging, strangulation, and suffocation. Among poisonings (22.2% of all suicides in 1984) solid or liquid substances increased in use over the period 1980 and 1984 (from 8.7% to 11.7%) while gas poisonings decreased (from 13.4% to 10.5%).

Variations in method by race and sex for suicides committed in 1984 were shown on Table 9. Firearms and hangings were the most frequent methods of injury for white males. Hangings and firearms were the most frequent for nonwhite males. For females of both racial groups hangings were most frequent, followed by solid or liquid poisonings.

Methods also vary with age with firearms more frequently used among adolescents (44.7% of teenage suicides compared to 34.6% of all suicides in 1984). Hanging (ICD-9 code 953.0) was also more frequent among teenagers (31.9% of teenage suicides occurred by this method of injury in 1984); hangings represented 26.2% of all suicides in 1984.

TABLE-8

NUMBER AND PERCENT OF DEATHS FROM SUICIDE ACCORDING TO METHOD OF INJURY, FOR NEW JERSEY RESIDENTS
1980-1984

ETHOD OF INJURY	YEAR									
	1980		1981		1982		1983		1984	
TOTAL	N	%	N	%	N	%	N	%	N	%
Poisonings by solid or or liquid substances (950)	50	8.7	46	8.3	63	10.4	66	11.5	76	11.7
Poisoning by carbon monoxide and other gases (951,952)	77	13.4	69	12.4	81	13.4	72	12.5	68	10.5
Hanging, strangulation and suffocation (953)	168	29.2	156	28.2	154	25.4	155	27.1	185	28.5
Drowning (954)	14	2.4	12	2.2	20	3.3	15	2.6	13	2.0
Firearms and explosives (955)	200	34.7	190	34.3	213	35.2	187	32.7	225	34.6
Cutting and piercing instruments (956)	14	2.4	22	4.0	18	3.0	20	3.5	16	2.5
Jumping from high place (957)	22	3.8	36	6.5	32	5.3	28	5.0	40	6.1
ther and unspecified means (958)	31	5.4	23	4.1	24	4.0	29	5.1	26	4.0
Late effect (959)	0	0	0	0	0	0	0	0	1	0.1
TOTAL	576	100.0	554	100.0	605	100.0	572	100.0	650	100.0

TABLE-9

NUMBER OF DEATHS FROM SUICIDE ACCORDING TO METHOD OF INJURY, BY RACE AND SEX, WITH RATES PER 100,000 POPULATION FOR NEW JERSEY RESIDENTS, 1984

METHOD OF INJURY	TOTAL		WHITE						NONWHITE					
			Total		Male		Female		Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total	650	8.6	585	9.3	437	14.4	147	4.5	65	5.4	52	9.3	13	2.0
Poisoning by solid or liquid substances (950)	76	1.0	68	1.1	34	1.1	34	1.0	8	0.7	4	0.7	4	0.6
Poisoning by carbon monoxide and other gases (951, 952)	68	0.9	64	1.0	39	1.3	25	0.8	4	0.3	4	0.7		
Hanging, strangulation, and suffocation (953)	185	2.5	163	2.6	119	3.9	44	1.3	22	1.8	17	3.0	5	0.8
Drowning (954)	13	0.2	10*	0.2	5	0.2	4	0.1	3	0.3	3	0.5		
Firearms and explosives (955)	225	3.0	208	3.3	192	6.3	16	0.5	17	1.4	16	2.8	1	0.2
Cutting and Piercing instruments (956)	16	0.2	14	0.2	10	0.3	4	0.1	2	0.2	2	0.4		
Jumping from high place (957)	40	0.5	35	0.6	24	0.8	11	0.3	5	0.4	3	0.5	2	0.3
Other and unspecified means (958)	26	0.3	22	0.3	13	0.4	9	0.3	4	0.3	3	0.5	1	0.2
Late effect (959)	1	0.0	1	0.0	1	0.0								

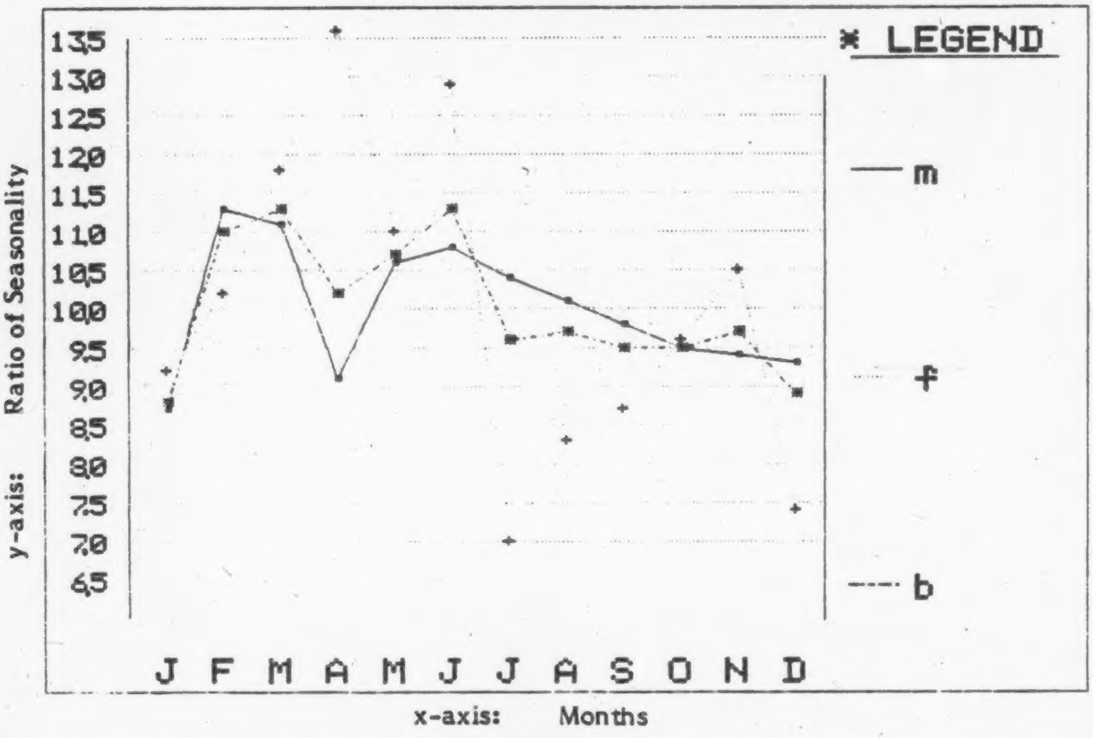
*1 white person of unknown sex, died of drowning.

SEASONALITY

Suicides were more likely to occur in February, March, April (for females, not males), May and June than during other times of the year. Seasonal trends are shown in Table 10. A ratio of seasonality was used to compare the actual number of suicides each month to the expected number (adjusted for the length of the month). Seasonal variation differed between sexes (Figure 4) with July and December being infrequent times for suicides among females and November being a more frequent time for females than males; seasonal variation was much greater for females than males.

Figure 4

Title: Seasonality of Suicides, By Sex,
for New Jersey Residents: 1980 to 1984



RESIDENCE

The resident suicides by age and sex are shown for New Jersey counties and principal municipalities in 1984 on Table 11. Counties with the highest suicide rates were Atlantic (13.4 per 100,000 population and Camden (13.2 per 100,000 population) compared to Union (5.5 per 100,000 population and Essex (6.4 per 100,000 population) which were the lowest county rates (Table 12). Rates of change between 1984 and 1980 were computed, but care should be taken in interpretation because of the small number of cases at the municipal level.

TABLE-10

NUMBER OF SUICIDES BY MONTH OF OCCURRENCE
BY SEX
FOR NEW JERSEY RESIDENTS:
1980-1984

MONTH	1980		1981		1982		1983		1984		1980-1984			
	M	F	M	F	M	F	M	F	M	F	M	Ratio	F	Ratio
January	35	12	29	9	34	9	32	14	34	13	164	.87	57	0.92
February	42	10	41	11	33	15	27	11	50	10	193	1.13	57	1.02
March	47	10	35	16	39	18	46	15	44	14	211	1.11	73	1.18
April	36	15	25	13	30	20	38	18	36	15	166	0.91	81	1.36
May	43	8	42	12	44	12	39	14	33	22	201	1.06	68	1.10
June	42	8	35	14	37	18	43	19	40	18	197	1.08	77	1.29
July	36	9	40	9	41	9	40	11	40	5	197	1.04	43	0.70
August	36	9	32	8	38	14	29	10	57	10	192	1.01	51	0.83
September	40	11	36	10	32	20	30	2	41	9	179	0.98	52	0.87
October	36	11	31	13	35	10	35	10	42	15	179	0.95	59	0.96
November	31	4	32	11	42	15	24	12	44	21	173	0.94	63	1.05
December	37	8	38	12	32	8	42	10	28	8	177	0.93	46	0.74
Total	461	115	416	138	437	168	426	146	489	160	2,229		727	

* Ratio of seasonality is the number of observed suicides compared to the number of expected in the month (adjusted for the number of days in the month).

TABLE-11
RESIDENT SUICIDE DEATHS BY SEX AND AGE GROUP COUNTIES AND SELECTED PLACES. NEW JERSEY: 1984

		SEX		AGE GROUP						
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	1	1-4	5-14	15-24	25-44	45-64	65+
STATE TOTAL	650	489	160			5	115	242	175	112
ATLANTIC COUNTY	27	23	4				6	10	8	3
Atlantic City	8	6	2				2	2	2	2
BERGEN COUNTY	66	44	22				8	28	16	14
BURLINGTON COUNTY	30	19	11				3	15	8	4
CAMDEN COUNTY	64	47	17			1	8	28	19	8
Camden City	11	8	3				2	5	4	
Cherry Hill Twp.	13	7	6				3	2	4	4
Gloucester Twp.	5	4	1					3	2	
CAPE MAY COUNTY	10	5	5					3	2	5
CUMBERLAND COUNTY	14	13	1			1	4	4	2	3
Vineland City	7	7				1	1	2	1	2
ESSEX COUNTY	54	36	17				9	15	17	12
Bloomfield										
East Orange	6	5	1					2	3	1
Irvington	5	4	1				1	3	1	
Newark	19	12	6				6	4	4	4
GLOUCESTER COUNTY	20	15	5				5	7	4	4
HUDSON COUNTY	51	40	11			1	9	19	15	7
Bayonne	3	2	1					2	1	
Hoboken	5	3	2					1	2	2
Jersey City	21	17	4				6	8	4	3
North Bergen Twp.	6	4	2					3	3	
Union City	5	4	1					2	3	
HUNTERDON COUNTY	7	7						3	3	1
MERCER COUNTY	22	18	4				5	8	6	3
Hamilton Twp.	1	1							1	
Trenton	12	9	3				2	4	3	3
MIDDLESEX COUNTY	49	33	16				9	22	14	4
Edison Twp.	4	2	2				1	2	1	
New Brunswick	2	1	1					2		
Old Bridge Twp.	4	3	1					1	2	1
Piscataway Twp.	5	1	4					2	2	1
Woodbridge Twp.	6	4	2					3	3	
MONMOUTH COUNTY	44	37	7			1	10	14	11	8
Middletown Twp.	2	2					1	1		
MORRIS COUNTY	42	34	8				5	18	15	4
Parsippany-Troy Hills	2	2							2	
OCEAN COUNTY	34	28	6			1	9	12	6	6
Brick Twp.	5	5					2	2	1	
Dover Twp.	8	6	2				1	4	2	1
PASSAIC COUNTY	40	30	10				8	15	9	8
Clifton	7	5	2				1	4		2
Passaic City	4	3	1				2		1	1
Paterson	13	11	2				2	6	4	1
Wayne Twp.	4	3	1				2	1	1	
SALEM COUNTY	7	5	2				3	1	2	1
SOMERSET COUNTY	17	14	3				3	7	4	3
SUSSEX COUNTY	13	10	3				4	6	2	1
UNION COUNTY	28	21	7				4	4	10	10
Elizabeth	5	5					1	1	2	1
Plainfield	1		1					1		
Union Twp.	8	6	2					2	4	2
WARREN COUNTY	11	10	1				3	3	2	3
STATE INSTITUTIONS										
MILITARY POSTS										

Note: Total includes one suicide sex and age unknown in Essex County (Newark)

TABLE-12

RESIDENT DEATHS BY SUICIDE AND PERCENT CHANGE BETWEEN 1980 AND 1984 NUMBER AND RATES PER 100,000 ESTIMATED POPULATION COUNTIES AND SELECTED PLACES, NEW JERSEY

PLACE OF RESIDENCE	SUICIDE: 1984		PERCENT CHANGE
	Number	Rate	1984 vs. 1980
STATE TOTAL	650	8.6	+12.8
ATLANTIC COUNTY	27	13.4	+58.8
Atlantic City	8	21.8	+60.0
BERGEN COUNTY	66	7.8	+6.5
BURLINGTON COUNTY	30	7.9	+20.0
CAMDEN COUNTY	64	13.2	+106.5
Camden City	11	13.2	+37.5
Cherry Hill Twp.	13	18.6	+6.3
Gloucester Twp.	5	10.2	+
CAPE MAY COUNTY	10	11.2	+233.3
CUMBERLAND COUNTY	14	10.4	-6.7
Vineland City	7	13.1	+75.0
ESSEX COUNTY	54	6.4	-10.0
Bloomfield	0		
East Orange	6	7.8	+100.0
Irvington	5	8.0	-28.6
Newark	19	6.0	-5.0
GLOUCESTER COUNTY	20	9.7	+25.0
HUDSON COUNTY	51	9.1	+45.7
Bayonne	3	4.7	-40.0
Hoboken	5	12.0	+25.0
Jersey City	21	9.4	+40.0
North Bergen Twp.	6	12.7	+200.0
Union City	5	8.8	*
HUNTERDON COUNTY	7	7.6	-22.2
MERCER COUNTY	22	7.0	-24.1
Hamilton Twp.	1	1.2	-90.0
Trenton	12	13.0	-14.3
MIDDLESEX COUNTY	49	7.9	+14.0
Edison Twp.	4	5.3	-42.9
New Brunswick	2	4.9	-33.3
Old Bridge Twp.	4	7.4	+300.0
Piscataway Twp.	5	11.5	+150.0
Woodbridge Twp.	6	6.4	-14.3
MONMOUTH COUNTY	44	8.4	+2.3
Middletown Twp.	2	3.0	-75.0
MORRIS COUNTY	42	10.1	-4.5
Parsippany-Troy Hills	2	4.0	-77.8
OCEAN COUNTY	34	9.2	-5.6
Brick Twp.	5	8.7	+66.7
Dover Twp.	8	11.7	+33.3
PASSAIC COUNTY	40	8.7	+2.6
Clifton	7	9.2	+16.7
Passaic City	4	7.4	-33.3
Paterson	13	9.3	+44.4
Wayne Twp.	4	8.3	+33.3
SALEM COUNTY	7	10.7	-12.5
SOMERSET COUNTY	17	8.1	0.0
SUSSEX COUNTY	13	10.9	+85.7
UNION COUNTY	28	5.5	-15.2
Elizabeth	5	4.6	-54.5
Plainfield	1	2.2	-66.7
Union Twp.	8	15.7	+166.7
WARREN COUNTY	11	12.9	+83.3
STATE INSTITUTIONS			
MILITARY POSTS			

*Undefined rate of change because there were no cases in 1980.

METHODOLOGICAL ISSUES

Suicides in this report are those deaths identified as having cause-of-death codes E950-E959 from the International Classification of Diseases, ninth revision (ICD-9).

Suicide statistics based on death certificates probably understate the true number of suicides for several reasons (as stated by the CDC Violence Epidemiology Branch):

1) Inadequate information on which to make a determination of suicide as the cause of death.

   Without an explicit communication by the victim that the death was self-inflicted, the death might be erroneously ruled as homicide or an accident or will be ruled as undetermined. In other circumstances, there may be either conscious or unconscious attempts to obscure information necessary to make the determination of suicide, as in the case of family deliberately withholding or unconsciously denying information to avoid stigmatizing themselves or the victims.

2) Certifier bias or error.

   The certifier may be influenced in recording an accurate certification of suicide because of pressures brought to bear by family or friends of the suicide victim. Also, error in judgment may occur on the part of the certifier because of inadequate criteria or standards for making a determination of death by suicide given a particular set of circumstances. That is, based on the same set of information, two certifiers may rule differently as to whether the death should or should not be determined to be suicide.

3) No death certificate filed on the victim.

   Some suicide deaths might not be recorded if the bodies are never found. This bias may be more significant for specific methods of suicide, e.g., drowning after jumping from a high bridge.

If suicides are misclassified on death certificates, these deaths are most likely to be reported under accidental deaths as pointed out by Douglas in 1967. From Holdings and Barraclough's comparative studies, the underestimate of the true suicide rate reflected by official statistics may be as much as 22%.

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DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

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Morbidity
1983–1984

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Morbidity

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Morbidity

INTRODUCTION

Overview

In the past morbidity data released by the New Jersey Department of Health have always pertained to Reportable Diseases. These data were and are collected and compiled by various programs throughout the Department. For example, programs like Tuberculosis Services collect information on all cases occurring in New Jersey in their monitoring and surveillance activities. Incident data on syphilis and gonorrhea are collected by the Sexually Transmitted Disease Program, and other communicable diseases, as required by Law, are reported by the Communicable Diseases program under Epidemiology and Disease Control.

Beginning in 1976 the Department of Health developed and has maintained a uniform minimum data reporting system for hospitals known as the Medical Discharge Abstract Minimum Data Set. Facilities covered by the Department's "Standard Hospital Accounting and Rate Evaluation System" (SHARE) were required to supply patient specific information to conform to the NJ/DOH Discharge Abstract Minimum Data Set. The Department can now report on all principal and secondary diagnoses relating to each discharged patient.

This report contains three subject areas. The first section covers all major communicable diseases that are required by law to be reported to the New Jersey Department of Health. The second section on Hospitalization describes the data categories for a statewide summary of hospital discharge statistics for 1983, including a summary of the forty (40) principal causes of hospitalization for 1982/1983. All tables are presented in the third section.

Beginning with the 1985 Health Statistics report, a new section has been added to cover communicable diseases. Data for 1985 are reported in the new section, along with a summary of AIDS cases and deaths. Future Health Statistics reports will include separate reports for communicable diseases and hospitalizations, rather than one section titled "Morbidity."

REPORTABLE DISEASES

Statistical Overview

Morbidity data are collected and compiled for all reportable diseases in New Jersey. The Tuberculosis Program collects information on all tuberculosis cases occurring in New Jersey. Incidence data on syphilis and gonorrhea are collected by the Sexually Transmitted Disease Program. Information on other diseases which are required by law to be reported are collected by the Communicable Disease Program of the Division of Epidemiology and Disease Control. These diseases include amebiasis, aseptic meningitis, brucellosis, hepatitis, malaria, measles (rubeola), meningococcal infections, mumps, pertussis, rubella, salmonellosis, shigellosis, tetanus, trichinosis, tularemia, typhoid fever and typhus. Requests for details on specific information regarding any of these disease conditions should be addressed to the above mentioned programs.

Tuberculosis

In 1953 there were 4,189 diagnosed cases of tuberculosis or 79.9 cases per 100,000 population. By 1980, newly diagnosed cases had dropped to 980 or 13.3 per 100,000 population. The long term decline in the number of new cases ended in 1981 with a swing upward to 1,028 cases. Minor fluctuations have occurred since 1981 with a decrease to 884 cases in 1982 and increases to 891 in 1983 and 935 in 1984. Likewise, the rate per 100,000 population increased in 1981 to 13.9, then decreased in 1982 and 1983. In 1984 it rose to 12.4. The annual number of deaths attributed to tuberculosis has followed a somewhat similar pattern dropping from 693 deaths in 1953 to a low of 53 deaths in 1982. The number of deaths due to tuberculosis increased in 1983 to 56 and in 1984 to 70. The mortality rate per 100,000 population declined from 13.2 in 1953 to less than one death (0.9) per 100,000 for 1984.

In 1983 809 clinically active cases of tuberculosis existed in the New Jersey population. In 1984 clinically active cases were 790. From an active case rate of 10.9 per 100,000 in 1983, the rate dropped to 10.5 statewide in 1984. Tuberculosis morbidity rates were higher for the larger cities in New Jersey. In 1983 and 1984 the rates were: Newark 50.0 and 44.6, Atlantic City 29.6 and 43.6, Paterson 42.6 and 44.4, Jersey City 50.0 and 45.4, and Elizabeth 27.2 and 29.7.

Venereal Disease

During the last twenty years the number of syphilis cases among residents of New Jersey has decreased dramatically. In 1963 there were 5,613 reported cases of syphilis compared with 2,636 cases in 1972 and 1,930 cases in 1982. In 1983, however, the number rose to 2,088 - an increase of 8.2%. The large decrease between 1963 and 1972 was basically a reflection of improved methods of tabulation that resulted in the elimination of duplicate counting of cases. Between 1972 and 1982 the modified reporting system was employed and a decline of 26.8 percent was recorded. The 1984 total of 2,006 cases produced a rate of 26.9 per 100,000 cases compared to the 1972 rate of 36.0. Likewise the number of primary and secondary cases dropped from 942 to 678 between 1972 and 1984 with a corresponding drop in the morbidity rate from 12.9 to 9.0 cases per 100,000. The number of cases diagnosed as early latent syphilis decreased 5.9 percent during this period from 8.3 to 7.6 per 100,000. The 1984 total of 2,006 cases of syphilis included 678 primary and secondary cases and 572 early latent cases.

In contrast to the decline in the number of syphilis cases, the prevalence of gonorrhea soared between 1965 and 1984. The number of gonorrhea cases climbed from 3,938 cases in 1965 to 18,837 cases in 1977, a fivefold increase. The increase continued, and by 1981 a high of 22,998 cases were reported with the morbidity rate quintupling from 61.0 in 1963 to 309.9 cases per 100,000 population in 1981. Since 1981 the number of gonorrhea caes has decreased to 22,075 in 1983 and to 20,351 in 1984. Correspondingly, the rate declined to 270.8 in 1984. Gonorrhea cases reported in the military also have declined from 534 cases in 1977 to a low of 250 cases in 1984.

Hepatitis

The number of reported cases of infectious hepatitis (A) increased in 1984 to 656 from 546 cases in 1983. The corresponding rates were 8.7 per 100,000 in 1984 and 7.3 in 1983. Serum hepatitis (B) cases declined from 1,174 cases in 1983 to 1,052 cases. Approximately 62 percent fewer cases of unspecified hepatitis were reported in 1984 than in 1983. The incidence rate dropped from 5.1 in 1983 to 1.9 per 100,000 persons. Hepatitis incidence was higher for men than for women. In 1984 there were 11.1 cases of infectious hepatitis per 100,000 men compared with 6.5 cases for every 100,000 women. In 1984 the rate for serum hepatitis in men was 18.3 compared to a rate of 10.0 in women. A total of 82 cases of unspecified hepatitis were reported among men (2.3 per 100,000) compared with 60 female cases (1.5 per 100,000) in 1984. In general, the rate of hepatitis cases increases from birth to 29 years of age, then decreases for older age groups. The total case rate for both infectious and serum hepatitis was highest in the 20 to 24 age group in both 1983 and 1984. In 1984 both men and women aged 20 to 24 had the highest rates. In 1983 the highest rates for men occurred in the late twenties for both infectious and serum hepatitis. Please note that in 1983 a change in the reporting of hepatitis occurred. A new category, Type Non-A and Non-B, was added. Between 1983 and 1984 the rate of Type Non-A and Non-B remained the same at 1.4 cases per 100,000 population.

Other Notifiable Diseases

As required by law the occurrence of contagious diseases must be reported to the State Health Department. These diseases include mumps, measles (rubeola), rubella (German measles), typhoid fever, malaria, aseptic meningitis, as well as a host of other contagious diseases. In both 1983 and 1984, the incidence of most of these diseases declined.

The number of cases of measles (rubeola) dropped from 27 in 1983 to 7 in 1984. The number of cases of measles, however, fluctuates enormously from year to year. In 1976, for example, 690 cases were observed, while in 1974 there were 5,693 cases. A decade ago the number of cases of rubella (German measles) rose by 19.7 percent with 1,775 cases in 1977 compared to 1,483 in 1976. In 1984 only 23 cases were reported compared to 3 cases in 1983. Salmonellosis cases (excluding typhoid fever) rose slightly in 1984, with 2,054 cases reported compared to 2,046 cases in 1983. There were 561 cases of shigellosis (bacillary dysentery) in 1983 with a decrease to 495 cases in 1984. Most shigellosis cases occurred in Essex County (161), Camden (48), and Monmouth (45).

The number of cases of mumps increased to 139 cases in 1984 compared to 129 cases in 1983. The majority of cases occurred in Atlantic County, which had 101 cases, followed by Camden County with 7 cases and Bergen County with 5 cases. Other diseases reported in 1984 included 90 cases of amebiasis, with 25 cases being reported in Cape May County, aseptic meningitis (294 cases), brucellosis (1 case), legionnellosis (26 cases), malaria (41 cases), meningococcal infections (93 cases), pertussis (12 cases), tetanus (1 case), tularemia (1 case), typhoid fever (21 cases), typhus fever (3 cases), toxic shock syndrome (4 cases), encephalitis (arthropod borne) (1 case), and other encephalitis (24 cases).

NOTE: The reader's attention is directed to Section I, Communicable Diseases, in Health Statistics 1985, which will present an overview of AIDS in New Jersey.

HOSPITALIZATION IN NEW JERSEY

Overview

Data obtained from medical discharge abstracts are grouped into 20 categories. This report summarizes results for 11 of the 20 categories. Processing times required to collect, assemble and edit the medical discharge abstract data postpones the reporting of this information for 12 to 18 months. Thus, the following results typically lag by one year other data presented in this report.

Total Discharges

During calendar year 1983 there was a total of 1,220,260 discharges of patients from New Jersey acute care hospitals. This was a slight increase of 1.7% over 1982. It should not be assumed that total discharges represent only one admission per patient. Patients are sometimes readmitted because of complications that arise after discharge or because of a different illness. Of the total discharges, 941,543 or 77.16% represent one discharge for each patient. This was an increase of 1.4% over 1982. On the other hand, 17.1% of all discharges were associated with a readmission, a decrease of 17.7% from the 1982 level.

Referral Source

The question has often been asked--How do patients get into a hospital (by type of referral source)? The principal method was by direct physician's referral in 1983 or 63.7% of all cases compared to 55.9% for 1982. The second highest referral source was through the emergency room--31.3% for 1983 compared to 29.9% in 1982.

Admission Class

From 1982 to 1983 a modest increase of 8.7% occurred in the proportion of patients entering the hospital under emergency and urgent status (51.2%). Elective admissions decreased 3.5% since 1982.

Sex

Of the 1,220,260 discharges during 1983, 41.7% were male patients, while 58.3% were female patients. The ratio of female to male hospitalizations is higher because of maternity admissions. The difference in ratios between 1982 and 1983 was negligible.

Race

Whites accounted for 91.3% of all discharges, and Blacks accounted for 6.0%. None of the other race categories was above 1%.

Age

A complete breakdown has been tabulated for each individual age. However, to give a better comparative overview, an age cohort grouping for 5-year intervals was made. A review of the age groups based on five year intervals indicates that the 5 and under group, which includes infants, has the highest percentage (12.5%) of discharges. A slight but distinct shift toward increasing hospitalizations of older persons occurred from 1982 to 1983. Also there was a maternity use rate increase for ages 20 through 40.

Primary Services

The NJ/DOH has mapped the 99 designated classifications of clinical services provided by hospitals into 10 primary service groups. This mapping permits useful comparisons between medicine, surgery and other categories. In reviewing the 1982 and 1983 data a few shifts in relative frequencies occured between categories. Medicine increased from 36.6% in 1982 to 40.4% in 1983. Pediatrics also showed an increase from 5.8% in 1982 to 7.5% in 1983. Newborns decreased from 7.8% to 5.1%.

Discharge Status

During 1983 92.7% of the patients were routinely discharged. Transfers to another facility or institution occurred in 3.4% of all discharges. Discharges against medical advice comprised 1.0%. Discharges of persons who expired were the same in 1982 and 1983 (2.9%).

Transfer Destination

When patients are discharged, they go home, to another facility or expire. By far, the majority of patients (97.2%) show no transfer destination, generally indicating that they have gone home. The same result was true for 1982. Transfers to long term care facilities, the second highest group, represented approximately 1.2% compared to 1.5% in 1982. Transfers to other acute care facilities (0.8% or 9,852) showed a significant decrease from 1982 (35,148 or 2.9%). Transfers to home health agencies were about one-quarter of a percentage (2839) for 1983, a decrease from 8,319 or 0.7% in 1982.

Primary Payer

The financial health of the hospital sector is determined by who is paying for health services. Even with New Jersey's case-based prospective payment system based on Diagnosis-Related Groups (DRGs), third party payers have variable schedules of reimbursement. Patients with Blue Cross coverage (34.3%) and Medicare insurance (28.6%) represented the greatest proportion of discharges in 1983 followed by commerical or private insurance coverage (14.1%) and Medicaid coverage (10.1%). Self-payers (7.3%) were the fifth largest type of primary payer.

Principal Causes for Hospitalization

In 1983 the three principal causes for hospitalization, single live births (92,789), delivery in a normal case (29,594), and heart failure (21,615) remained unchanged in rank order from 1982. However, in 1983 the fourth, fifth and sixth causes, namely cataract (18,492), acute myocardial infarction (17,974) and inguinal hernia (17,442) had been ranked in sixth, fifth and fourth places, respectively, in 1982.

In 1983 further changes occurred in the principal causes ranked eighth through tenth--pneumonia, organism unspecified (15,794), asthma (15,280), diabetes melitus (14,947), and cardiac dysrhythmias (14,192). These causes for hospitalization were ranked twelfth, eighth and thirteenth respectively in 1982.

Overall, in comparison to the 1982 list of the top ten principal causes for hospitalization, only two causes failed to make the 1983 top ten ranking - cholelithiasis, which placed twelfth with 14,152 hospitalizations, and other noninfectious gastroenteritis and colitis (13,445) which ranked fifteenth.

TABLE-1

NEW JERSEY
TUBERCULOSIS CASES AND DEATHS
RATES PER 100,000 ESTIMATED POPULATION: 1960-1984

	ALL CASES		DEATHS	
YEAR	Number	Rate	Number	Rate
1960	2,928	48.2	354	5.8
1961	3,120	50.1	389	6.3
1962	2,769	43.5	326	5.1
1963	2,867	44.1	364	5.6
1964	2,970	44.9	307	4.6
1965	2,705	40.3	293	4.4
1966	2,567	37.6	297	4.4
1967	2,493	35.0	261	3.8
1968	2,271	32.4	255	3.6
1969	2,015	28.4	214	3.0
1970	2,013	28.0	245	3.4
1971	2,118	29.2	217	3.0
1972	1,162	23.1	166	2.3
1973	1,531	20.8	184	2.5
1974	1,474	19.9	161	2.2
1975	1,362	18.5	122	1.7
1976	1,317	17.9	112	1.5
1977	1,351	18.4	104	1.4
1978	1,105	15.1	104	1.4
1979	1,008	13.7	74	1.0
1980	980	13.3	65	0.9
1981	1,028	13.9	55	0.7
1982	884	11.9	53	0.7
1983	891	11.9	56	0.8
1984	935	12.4	70	0.9

TABLE-2
NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY RATES PER 100,000 ESTIMATED POPULATION
1983

Place of Residence	CLINICALLY ACTIVE CASES Number	Rate	ALL CASES Number	Rate	DEATHS Number	Rate
State Total	809	10.9	891	12.0	56	0.8
ATLANTIC COUNTY	24	12.3	24	12.3	5	2.6
Atlantic City	11	29.6	11	29.6	4	10.8
BERGEN COUNTY	50	5.9	52	6.2	7	0.8
BURLINGTON COUNTY	16	4.3	16	4.3	0	0.0
CAMDEN COUNTY	18	3.7	19	4.0	2	0.4
Camden City	5	5.9	5	5.9	0	0.0
Cherry Hill Twp.	4	5.7	4	5.7	0	0.0
Gloucester Twp.	0	0.0	0	0.0	0	0.0
CAPE MAY COUNTY	11	12.8	11	12.8	0	0.0
CUMBERLAND COUNTY	8	5.9	8	5.9	0	0.0
Vineland City	5	9.3	5	9.3	0	0.0
ESSEX COUNTY	229	27.2	234	27.8	13	1.5
Bloomfield	3	6.3	4	8.4	1	2.1
East Orange	30	39.2	30	39.2	0	0.0
Irvington	15	24.6	15	24.6	0	0.0
Newark	159	49.3	161	50.0	10	3.1
GLOUCESTER COUNTY	12	5.9	12	5.9	0	0.0
HUDSON COUNTY	121	21.6	156	27.9	8	1.4
Bayonne	3	4.7	4	6.2	0	0.0
Hoboken	6	14.3	7	16.6	0	0.0
Jersey City	87	39.2	111	50.0	7	3.2
North Bergen Twp.	4	8.5	5	10.6	1	2.1
Union City	9	15.9	10	17.6	0	0.0
HUNTERDON COUNTY	6	6.8	6	6.8	0	0.0
MERCER COUNTY	37	11.9	37	11.9	1	0.3
Hamilton Twp.	0	0.0	0	0.0	0	0.0
Trenton	31	33.7	31	33.7	1	1.1
MIDDLESEX COUNTY	60	9.9	62	10.2	2	0.3
Edison Twp.	12	16.5	12	16.5	0	0.0
New Brunswick	10	24.5	10	24.5	1	2.4
Old Bridge Twp.	3	5.7	3	5.7	0	0.0
Piscataway Twp.	5	11.7	6	14.0	0	0.0
Woodbridge Twp.	4	4.3	4	4.3	0	0.0
MONMOUTH COUNTY	33	6.4	39	7.6	2	0.4
Middletown Twp.	4	6.2	4	6.2	0	0.0
MORRIS COUNTY	17	4.1	17	4.1	2	0.5
Parsippany-Troy Hills	1	2.0	1	2.0	0	0.0
OCEAN COUNTY	14	3.9	14	3.9	0	0.0
Brick Twp.	3	5.4	3	5.4	0	0.0
Dover Twp.	2	3.0	2	3.0	0	0.0
PASSAIC COUNTY	61	13.4	90	19.8	7	1.5
Clifton	3	4.0	4	5.3	0	0.0
Passaic City	15	28.0	20	37.4	0	0.0
Paterson	39	28.1	59	42.6	6	4.3
Wayne Twp.	2	4.2	3	6.3	0	0.0
SALEM COUNTY	7	10.7	7	10.7	0	0.0
SOMERSET COUNTY	12	5.8	12	5.8	1	0.5
SUSSEX COUNTY	2	1.7	3	2.6	0	0.0
UNION COUNTY	55	10.9	59	11.7	6	1.2
Elizabeth	27	25.3	29	27.2	2	1.9
Plainfield	7	15.4	7	15.4	0	0.0
Union Twp.	3	5.9	4	7.9	1	2.0
WARREN COUNTY	3	3.5	3	3.5	0	0.0
STATE INSTITUTIONS	12		12		0	
MILITARY POSTS	1		1		0	

Note: Clinically active cases are those with a culture positive for M. tuberculosis or those on two or more anti-tuberculosis drugs. The count includes those with a previous episode of tuberculosis who have developed disease again if more than 12 months have elapsed since they were discharged from supervision. Non-clinically active cases were not included in the count if medication was not prescribed.

Rates for State Institutions and Military Posts are not computed due to lack of population base. The 1982 population estimates used for calculation of rates.